



Product Guide

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Introduction

Established in 1997 and backed by a 25 year warranty, Ultima is a proven reliable and cost effective end-to-end networking solution.

Reliable and Cost Effective

Manufactured and tested to the highest and most widely accepted ISO standards the Ultima range evolved in response to customer demand for a value engineered product. Now used by 1000s of customers Ultima delivers the results every time. Product quality is guaranteed with a 25 year system warranty.



End-to-end Networking Solution

The range includes Copper Cat5e, Cat6 and Cat6A solutions as well as Fibre Optic and Voice Cabling systems and a range of cabling accessories.

Market Knowledge and Stability

The brand, established in 1997 and backed by a 25 year warranty, is sold and supported throughout the UK, Far East and Middle East.

Stock and Availability

Stock is held in a 65,000 square foot, purpose built facility, providing significant warehouse capacity, ensuring Ultima products are in stock and available for UK next day delivery.

Product quality is guaranteed



Ultima

Cat5e

**PROVEN
AND TRUSTED**
installed in
thousands of
projects throughout
the UK and
beyond

Category 5e

Category 5e cabling still offers a cost effective and reliable solution for companies looking to support data rates of up to 2.5 Gigabits/sec.

Designed for ease of installation and performance, Ultima Cat5e components provide a large margin of performance over the standards' requirements. The range includes cables, modules, keystone jacks, PCB or modular patch panels and patch leads, providing complete end-to-end connectivity.

The low profile modules can be mounted in back boxes of just 12mm depth and are fitted with a spring loaded shutter and hinged label window.

Patch panels offer densities of up to 48 ports in 1U of rack space, maximising port density without compromising performance or usability.

When installed by an Ultima Certified Installer the Ultima Cat5e cabling can be protected through the Ultima 25 year system warranty for complete peace of mind.

Cat5e Cables



Unshielded 4 pair Cat5e cables to support applications up to 2.5G Ethernet

- Packaging dispenses without twists, tangles, snags or overruns
- Low memory
- Verified to ISO/IEC 11801, EN50173 and ANSI/TIA-568-C.2
- 24 AWG solid copper conductors
- Reverse metre marked



| Item | Conductor Type | Category | Type | Sheath | No of Pairs | CPR Euroclass | NVP Rating | Outer Dia | Colour | UoM |
|--------|----------------|----------|-------|-------------|-------------|---------------|------------|-----------|--------|----------------------|
| 772985 | Solid | Cat5e | U/UTP | PVC | 4 Pair | Eca | 65% | 4.7mm | Grey | Box Of 305mtr |
| 773192 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Violet | Box Of 305mtr |
| 779191 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Orange | Box Of 305mtr |
| 805005 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | White | Box Of 305mtr |
| 821906 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Green | Box Of 305mtr |
| 821907 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Red | Box Of 305mtr |
| 821908 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Blue | Box Of 305mtr |
| 801535 | Solid | Cat5e | U/UTP | LSZH | 4 Pair | Eca | 65% | 4.7mm | Yellow | Box Of 305mtr |
| 822066 | Solid | Cat5e | U/UTP | PE External | 4 Pair | Eca | 65% | 5.0mm | Black | Box Of 100mtr |
| 774612 | Solid | Cat5e | U/UTP | PE External | 4 Pair | Fca | 65% | 5.0mm | Black | Reel In A Box 305mtr |

Cat5e Rear Punch Patch Panels



- Cat5e rear punch IDC patch panels
 - Cat5e compliant performance to ANSI/TIA-568-C.2 & ISO 11801
 - 568A or 568B wiring
 - Dual block 110/LSA punchdown
 - PoE+ IEEE802.3at (30-33W) compliant
 - Supplied with cage nut kit



| Item | Description | Category | Type | Ports | Orientation | Height | Width | Colour | UoM |
|--------|-------------|----------|------------|--------------|-------------|--------|-------|--------|------|
| 776503 | Patch Panel | Cat5e | Unshielded | 24Port | Rear Punch | 1U | 19" | Black | Each |
| 782682 | Patch Panel | Cat5e | Unshielded | 24Port (4x6) | Rear Punch | 1U | 19" | Black | Each |
| 776504 | Patch Panel | Cat5e | Unshielded | 48Port | Rear Punch | 2U | 19" | Black | Each |

Cat5e Right Angle Patch Panels



• 771833



777649 •

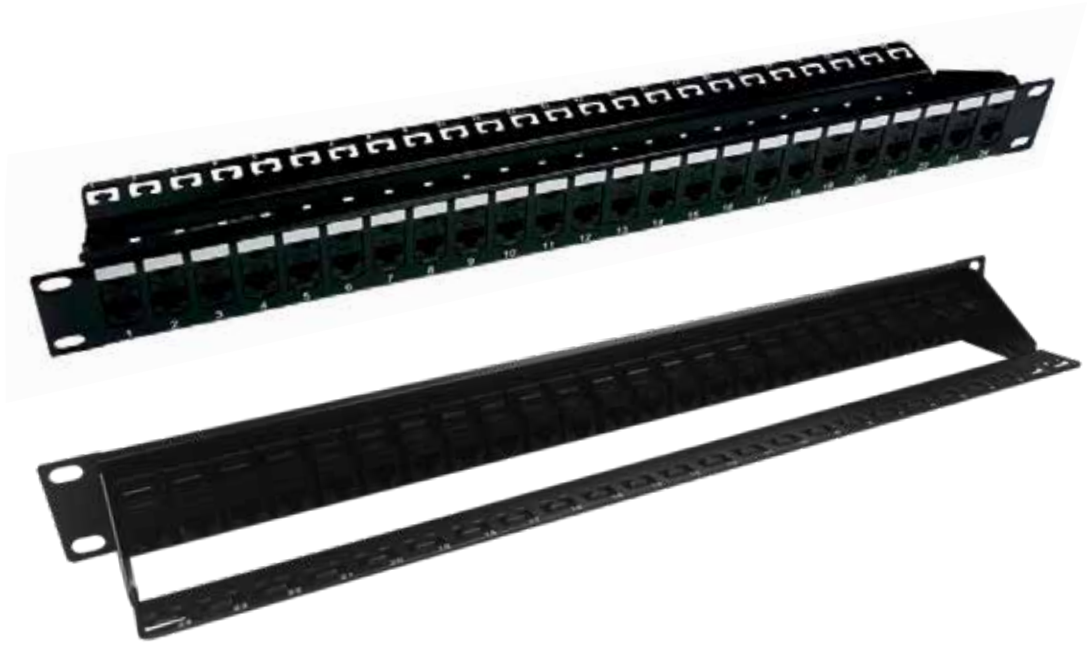


- Cat5e vertical punchdown 19" patch panels
 - Vertical punchdown terminations
 - LSA punchdown
 - PoE+ IEEE802.3at (30-33W) compliant
 - Supplied with cage nut kit



| Item | Description | Category | Type | Ports | Orientation | Height | Width | Colour | UoM |
|--------|-------------|----------|------------|--------|-------------|--------|-------|--------|------|
| 771833 | Patch Panel | Cat5e | Unshielded | 24Port | Right Angle | 1U | 19" | Black | Each |
| 777649 | Patch Panel | Cat5e | Unshielded | 48Port | Right Angle | 1U | 19" | Black | Each |

Cat5e Through Coupler Patch Panel



- Cat5e through coupler patch panel for patching or joining cables terminated with RJ45 plugs
- Exceeds Cat5e performance requirements
- Port labelling facility
- Removable rear cable management bar



| Item | Description | Category | Type | Ports | Jack Type | Cable Management | Height | Width | Colour |
|--------|-------------|----------|------------|--------|-----------------|----------------------------|--------|-------|--------|
| 807788 | Patch Panel | Cat5e | Unshielded | 24Port | Through Coupler | With Rear Cable Management | 1U | 19" | Black |

Cat5e Unloaded Patch Panel



- Unloaded keystone patch panel
 - Accepts Ultima Cat5e keystone jacks
 - Numbered ports
 - Port labelling facility
 - Removable rear cable management bar



| Item | Description | Category | Type | Ports | Jack Type | Cable Management | Height | Width | Colour |
|--------|-------------|----------------|------------|--------|----------------|----------------------------|--------|-------|--------|
| 792386 | Patch Panel | Unloaded Cat5e | Unshielded | 24Port | Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |

Cat5e Keystone Jacks



• 791597

Keystone Easy Termination Tool
see page 55



• 781934



• 790013



• 789771

- Cat5e keystone jacks
- ISO 11801 and EN 50173 compliant
- Colour coded for T568A and T568B wiring schemes
- HD jacks for HD (High Density) unloaded patch panels
- PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|---------------|----------|---------------------|------------|--------|------|
| 791597 | Keystone Jack | Cat5e | Through Coupler | Unshielded | Black | Each |
| 781934 | Keystone Jack | Cat5e | 180 Deg Punchdown | Unshielded | White | Each |
| 790013 | Keystone Jack | Cat5e | 90 Deg Toolless HD | Unshielded | White | Each |
| 789771 | Keystone Jack | Cat5e | 180 Deg Toolless HD | Unshielded | White | Each |

Cat5e Modules



• 772412



• 787117



• 771836



• 778649



Cat5e modules with IDC punchdown terminations for use in faceplates and floor boxes

- Protected labelling facility
- Low profile module 20mm deep
- Standard module 29mm deep
- Dual block 110/LSA punchdown
- 568B wiring scheme
- PoE+ IEEE802.3at (30-33W) compliant
- Cable strain relief facility



| Item | Description | Category | Style | Type | Insert | Colour | UoM |
|--------|--------------------|----------|-------|------------|--------|--------|------|
| 772412 | Low Profile Module | Cat5e | LJ6C | Unshielded | PCB | White | Each |
| 787117 | Low Profile Module | Cat5e | Euro | Unshielded | PCB | Black | Each |
| 771836 | Low Profile Module | Cat5e | Euro | Unshielded | PCB | White | Each |
| 778649 | Standard Module | Cat5e | Euro | Unshielded | PCB | White | Each |

Cat5e Assembled Outlets



• 777958

- Bevelled faceplates with fitted Cat5e modules
 - No assembly required – saves time on site
 - Dual block 110/LSA punchdown
 - 568B wiring scheme
 - Can be mounted on 12mm deep back box
 - PoE+ IEEE802.3at (30-33W) compliant
 - Protected labelling facility
 - Cable strain relief facility



• 777961



• 783213



| Item | Description | Category | Size | Style | Type | Height | Width | Colour | UoM |
|--------|---------------------------|----------|-------------|---------|------------|--------|-------|--------|------|
| 777958 | Bevelled Assembled Outlet | Cat5e | Single Gang | 1x Euro | Unshielded | 86mm | 86mm | White | Each |
| 777961 | Bevelled Assembled Outlet | Cat5e | Single Gang | 2x Euro | Unshielded | 86mm | 86mm | White | Each |
| 783213 | Bevelled Assembled Outlet | Cat5e | Double Gang | 4x Euro | Unshielded | 86mm | 146mm | White | Each |

Cat5e Contractor Pack



Cat5e cabling kit that includes a patch panel, patch lead management bar, modules, faceplates and blanks

- 1 x 1U, Cat5e 24 port rear punch patch panel
- 1 x 1U, 4 ring patch lead management bar
- 24 x Cat5e low profile Euro modules
- 12 x Single gang 50x50 Euro curved faceplates
- 12 x Pair Euro quarter blanks



| Item | Description | Category | Type | Outlet |
|--------|-----------------|----------|------------------|------------|
| 815852 | Contractor Pack | Cat5e | Curved Faceplate | 24 Outlets |

Cat5e Disconnection Modules

To join two Cat5e 4 pair cables with full disconnection test capability

- Minimal impact on link performance
- Suitable for mounting on Krone backmount frames or Profil bars
- Support 2 x 4prs in and 2 x 4prs out
- Krone style punchdown IDC terminations
- Optional hinged label holder provides easy circuit identification



- 816673



- 821668



| Item | Description | Category | Type | Pairs | Colour | UoM |
|--------|----------------------|----------|--------|---------|--------|------|
| 816673 | Disconnection Module | Cat5e | - | 8 Pairs | White | Each |
| 821668 | Label Holder | Cat5e | Hinged | - | Clear | Each |

Cat5e RJ45 Coupler

- RJ45 inline coupler for connecting RJ45 patch leads and Ethernet cables
 - RJ45-RJ45 inline coupler
 - Unshielded
 - PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|-------------|----------|-----------|------------|--------|------|
| 778727 | Coupler | Cat5e | RJ45-RJ45 | Unshielded | Black | Each |

Cat5e IDC Inline Connector

- Cat5e IDC inline connector
 - IDC to IDC connection box
 - Dual block 110/LSA punchdown
 - Unshielded



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|------------------|----------|---------------|------------|--------|------|
| 777934 | Inline Connector | Cat5e | IDC Punchdown | Unshielded | White | Each |

Cat5e RJ45 Economisers

- Enable two services to share a single cable
 - Suitable for up to 100MB Ethernet
 - Must be used as a pair, one at each end of the cable



| Item | Description | Type | Category | Colour | UoM |
|--------|--------------------------|-------------|----------|--------|------|
| 778911 | RJ45 Splitter Economiser | Data/Data | Cat5e | Black | Each |
| 783179 | RJ45 Splitter Economiser | Voice/Voice | Cat5e | Black | Each |
| 783180 | RJ45 Splitter Economiser | Data/Voice | Cat5e | Black | Each |

Cat5e RJ45 Crossover Adaptor

- Adaptor for RJ45-RJ45 crossovers
 - Adds a crossover output to a normally straight patch lead



| Item | Description | Type | Category | Colour | UoM |
|--------|--------------|-----------|----------|--------|------|
| 781863 | RJ45 Adaptor | Crossover | Cat5e | Red | Each |

Cat5e Fast-Fit RJ45 Plugs

The Fast-Fit RJ45 system is designed to make terminating RJ45 plugs simpler, faster and more repeatable

- Optimised performance due to reduced length of untwisted wires
- Faster termination times and reduced errors by checking wiring positions before crimping
- Suitable for stranded or unstranded wire
- 50 micron gold plating on contacts
- Fast-Fit plug boots also available (See below)
- Terminate using the Ultima Fast-Fit compact crimp tool (See below)



| Item | Description | Category | Type | Style | Colour | UoM |
|--------|---------------|----------|------------|-------|--------|-------------|
| 821409 | Fast-Fit Plug | Cat5e | Unshielded | RJ45 | Clear | Pack Of 100 |

Fast-Fit Plug Boot RJ45

Plug boots for use with Ultima Fast-Fit Cat5e and Cat6 plugs

- Slimline design for high density patching
- For use with Fast-Fit plugs
- Snagless latch design
- Clear plastic suitable for use with any coloured cable



| Item | Description | Boot Style | Plug | Max. Cable OD | Colour | UoM |
|--------|-------------|------------|------|---------------|--------|-------------|
| 821820 | Plug Boot | Snagless | RJ45 | 6mm | Clear | Pack of 100 |

Fast-Fit Compact Crimp Tool

An ergonomically designed compact crimp tool that's both easy and comfortable to use. Suitable for crimping Fast-Fit Cat5e and Cat6 plugs. Features a locking mechanism that keeps the tool closed when not in use

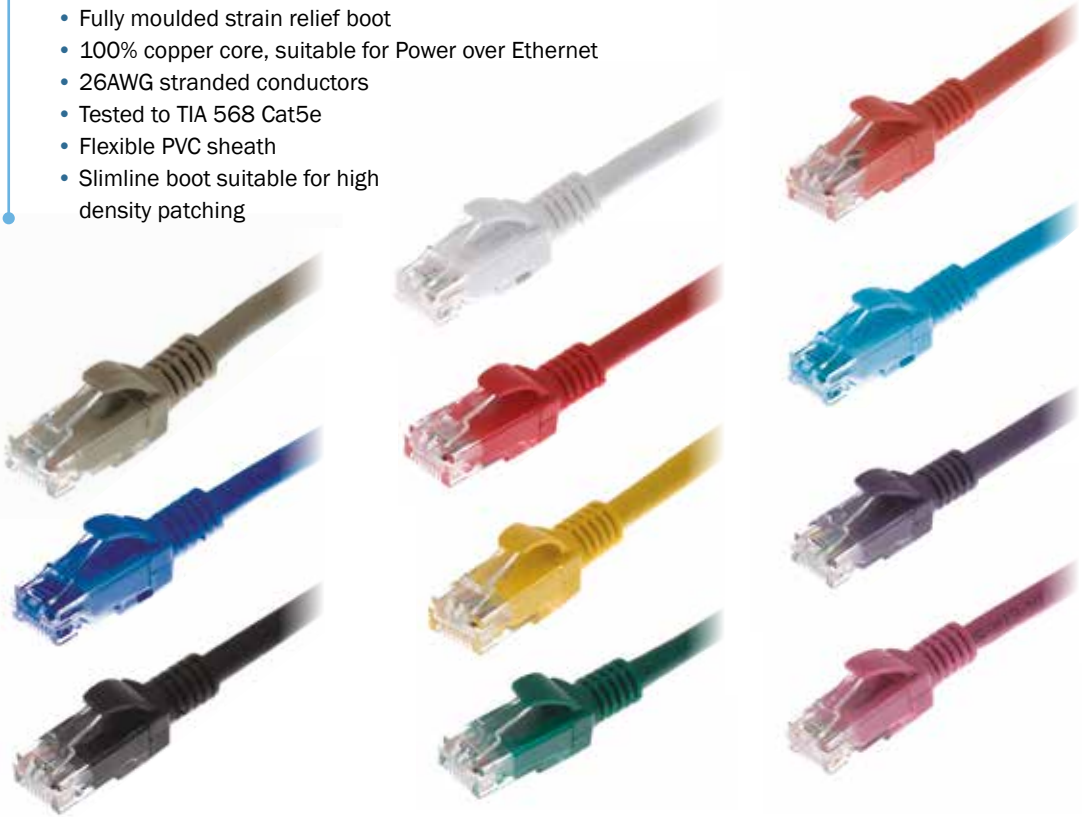
- Compact design
- Cuts and crimps at the same time
- Suitable for both shielded and unshielded Fast-Fit plugs



| Item | Description | Features | Plug | Type | Colour | UoM |
|--------|---------------|----------|------|-------------------|------------|--------|
| 821426 | Fast-Fit Tool | Ratchet | RJ45 | Compact | Blue/Black | Single |
| 821821 | Fast-Fit Tool | - | RJ45 | Replacement Blade | Silver | Single |

Cat5e U/UTP Patch Leads

- RJ45 patch leads exceed Cat5e specification up to 100MHz
 - Fully moulded strain relief boot
 - 100% copper core, suitable for Power over Ethernet
 - 26AWG stranded conductors
 - Tested to TIA 568 Cat5e
 - Flexible PVC sheath
 - Slimline boot suitable for high density patching



| Length | Grey | Blue | Black | White | Red | Yellow | Green | Orange | Lt Blue | Purple | Pink |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| 0.25m | 786795 | 790253 | 792691 | 792692 | 790250 | 792653 | 792651 | 790255 | | 792520 | 792652 |
| 0.5m | 772189 | 772098 | 776686 | 776679 | 772093 | 772108 | 772103 | 776693 | 802340 | 776700 | 792654 |
| 0.75m | 779491 | 779493 | | | 779492 | | | | | | |
| 1m | 772190 | 772099 | 776687 | 776680 | 772094 | 772109 | 772104 | 776694 | 801653 | 776701 | 779725 |
| 1.5m | 775863 | 774851 | 776688 | 776681 | 776355 | 775875 | 776356 | 776695 | 802342 | 776702 | 792656 |
| 2m | 772191 | 772100 | 776689 | 776682 | 772095 | 772110 | 772105 | 776696 | 801654 | 776703 | 779726 |
| 3m | 772192 | 772101 | 776690 | 776683 | 772096 | 772111 | 772106 | 776697 | 801655 | 776704 | 779727 |
| 4m | 781937 | 790247 | 790276 | | 790252 | 790286 | 790258 | | 802343 | | |
| 5m | 772193 | 772102 | 776691 | 776684 | 772097 | 772112 | 772107 | 776698 | 801656 | 776705 | 786801 |
| 6m | 791758 | | 790281 | | | | | | | | |
| 7m | 782033 | 783184 | 790287 | | 781938 | 783185 | 790264 | | 802344 | 789393 | |
| 8m | 790283 | | 790270 | | | | | | | | |
| 10m | 772404 | 772407 | 776692 | 776685 | 772405 | 772408 | 772406 | 776699 | 801657 | 776706 | 790279 |
| 15m | 775864 | 781941 | 781944 | 781943 | 781939 | 781942 | 781940 | 790063 | | 789394 | |
| 20m | 775865 | 790248 | 790288 | 790295 | 775868 | 790291 | 775871 | | | | |
| 25m | 783115 | | 783127 | | | | | | | | |
| 30m | 783116 | | 783128 | | 783118 | | | | | | |

Category 6

Supporting data transmission rates of up to 5 Gigabits/sec, Category 6 cabling offers the perfect compromise between the lower performing Category 5e and the more expensive but higher performing Category 6A.

The Ultima Cat6 keystone jack has 3P verified component compliant performance, making it the ideal building block for a modular Cat6 solution, for use in patch panels and work area outlets. When fitted in the angled keystone shutter, performance is optimised through better management of cable bend radii, plus connected equipment cable hangs neatly down the wall.

Patch panels are offered in a variety of configurations, including up to 24 ports in just 0.5U of rack space.

Ultima Cat6 U/UTP LSZH cables are supplied in Reelex II boxes. This patented method of winding cable results in a reel-less, self-supporting coil. The unique coil dispenses from the inside-out without twists, tangles, snags or overruns – saving you time and money and reducing waste.

The larger payout hole increases bending radius and payout performance. Handles fold over multiple layers of cardboard to prevent ripping and the moisture resistant, plastic laminate coating and burst proof taped joints ensure boxes withstand everyday handling.

Twist and Tangle-Free Packaging



Cat6 Cables



- Unshielded Cat6 cables supporting applications up to 5G Ethernet
- ANSI/TIA-568, ISO/IEC 11801 and EN50173-1 Cat6 compliant
- Reverse metre marking



| Item | Conductor Type | Category | Type | Sheath | No of Pairs | CPR Euroclass | NVP Rating | Outer Dia | Colour | UoM |
|--------|----------------|----------|-------|-------------|-------------|----------------|------------|-----------|--------|---------------|
| 810352 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | B2ca-s1a,d2,a1 | 65% | 6.2mm | Violet | Box Of 305mtr |
| 778134 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Violet | Box Of 305mtr |
| 787207 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Orange | Box Of 305mtr |
| 791939 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Blue | Box Of 305mtr |
| 791942 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | White | Box Of 305mtr |
| 793200 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Grey | Box Of 305mtr |
| 791941 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Yellow | Box Of 305mtr |
| 791940 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Green | Box Of 305mtr |
| 816829 | Solid | Cat6 | U/UTP | LSZH | 4 Pair | Eca | 67% | 5.9mm | Black | Box Of 305mtr |
| 778133 | Solid | Cat6 | U/UTP | CM | 4 Pair | Eca | 67% | 5.9mm | Grey | Box Of 305mtr |
| 779619 | Solid | Cat6 | U/UTP | PE External | 4 Pair | Fca | 67% | 5.9mm | Black | Reel in a Box |
| 821672 | Solid | Cat6 | F/UTP | PE/SWA/PE | 4 Pair | Fca | 65% | 12.0mm | Black | Mtr |

Cat6 Rear Punch Patch Panels



- Cat6 rear punch IDC patch panels
 - Dual block 110/LSA termination
 - Protected labelling facility
 - PoE+ IEEE802.3at (30-33W) compliant
 - Complete with rear cable management bar
 - Supplied with cage nut kit



| Item | Description | Category | Type | Ports | Orientation | Cable Management | Height | Width | Colour | UoM |
|--------|-------------|----------|------------|--------------|-------------|----------------------------|--------|-------|--------|------|
| 820949 | Patch Panel | Cat6 | Unshielded | 16Port | Rear Punch | With Rear Cable Management | 1U | 19" | Black | Each |
| 779333 | Patch Panel | Cat6 | Unshielded | 24Port (3x8) | Rear Punch | With Rear Cable Management | 1U | 19" | Black | Each |
| 789242 | Patch Panel | Cat6 | Unshielded | 24Port (4x6) | Rear Punch | With Rear Cable Management | 1U | 19" | Black | Each |
| 795077 | Patch Panel | Cat6 | Unshielded | 48Port (6x8) | Rear Punch | With Rear Cable Management | 2U | 19" | Black | Each |

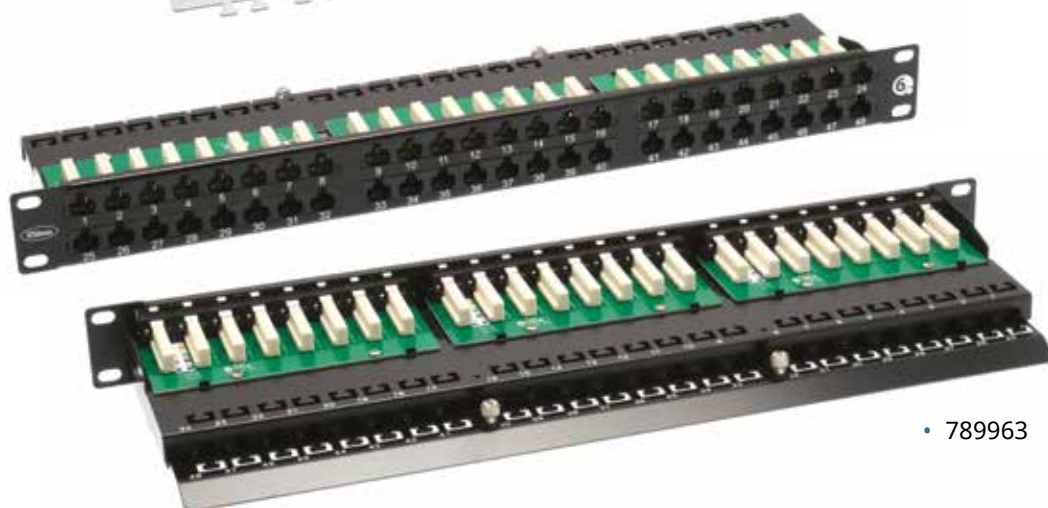
Cat6 Right Angle Patch Panels

Cat6 vertical punchdown 19" patch panels

- Vertical punchdown terminations
- LSA punchdown
- Integral rear cable management
- Supplied with cage nut kit
- PoE+ IEEE802.3at (30-33W) compliant



• 783005



• 789963



| Item | Description | Category | Type | Ports | Orientation | Height | Width | Colour | UoM |
|--------|-------------|----------|------------|--------|-------------|--------|-------|--------|------|
| 783005 | Patch Panel | Cat6 | Unshielded | 24Port | Right Angle | 1U | 19" | Black | Each |
| 789963 | Patch Panel | Cat6 | Unshielded | 48Port | Right Angle | 1U | 19" | Black | Each |

Cat6 Unloaded Patch Panels

- Unloaded keystone patch panels
 - Accept Ultima Cat6 keystone jacks
 - Port labelling facility
 - Up to 48 ports in 1U
- Removable rear cable management bar



| Item | Description | Category | Type | Ports | Jack Type | Cable Management | Height | Width | Colour |
|--------|-------------|---------------|------------|--------|-------------------|----------------------------|--------|-------|--------|
| 797556 | Patch Panel | Unloaded Cat6 | Unshielded | 24Port | HD Keystone Jacks | With Rear Cable Management | 0.5U | 19" | Black |
| 792387 | Patch Panel | Unloaded Cat6 | Unshielded | 24Port | Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |
| 797435 | Patch Panel | Unloaded Cat6 | Unshielded | 48Port | HD Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |

Cat6 Through Coupler Patch Panel

Cat6 through coupler patch panel

- Exceeds Cat6 performance requirements
- Suitable for joining or patching cables terminated with RJ45 plugs
- Port labelling facility
- Removable rear cable management bar
- Supplied with cage nut kit
- PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Type | Ports | Jack Type | Height | Width | Colour | UoM |
|--------|-------------|----------|------------|--------|-----------------|--------|-------|--------|------|
| 788079 | Patch Panel | Cat6 | Unshielded | 24Port | Through Coupler | 1U | 19" | Black | Each |

EASY
ORDERING



Cat6 Keystone Jacks

- Cat6 keystone jacks
 - TIA 568, ISO 11801 and EN 50173 Cat6 compliant performance
 - HD jacks for HD (High Density) unloaded patch panels
 - PoE+ IEEE802.3at (30-33W) compliant



• 792381

Keystone Easy Termination Tool
see page 55



• 787135



• 790014



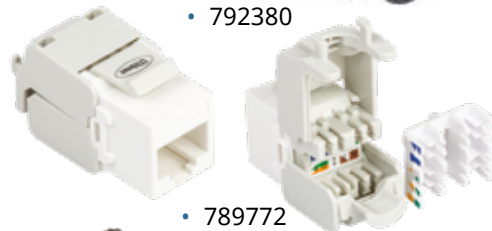
• 789769



• 792380



• 792379



• 789772



• 781935

• 793782

| Item | Description | Category | Style | Type | Colour | UoM |
|--------|---------------|----------|---------------------|------------|--------|------|
| 787135 | Keystone Jack | Cat6 | Through Coupler | Unshielded | Black | Each |
| 789769 | Keystone Jack | Cat6 | 90 Deg Punchdown HD | Unshielded | White | Each |
| 792379 | Keystone Jack | Cat6 | 90 Deg Punchdown HD | Unshielded | Black | Each |
| 781935 | Keystone Jack | Cat6 | 180 Deg Punchdown | Unshielded | White | Each |
| 792381 | Keystone Jack | Cat6 | 180 Deg Punchdown | Unshielded | Black | Each |
| 790014 | Keystone Jack | Cat6 | 90 Deg Toolless HD | Unshielded | White | Each |
| 792380 | Keystone Jack | Cat6 | 90 Deg Toolless HD | Unshielded | Black | Each |
| 789772 | Keystone Jack | Cat6 | 180 Deg Toolless HD | Unshielded | White | Each |
| 793782 | Keystone Jack | Cat6 | 180 Deg Toolless HD | Unshielded | Black | Each |

Cat6 Modules

779332 •



• 779331



Cat6 unshielded modules with IDC punchdown terminations for use in faceplates and floor boxes

- Cat6 compliant performance
- Protected labelling facility
- Low profile module 20mm deep
- Standard module 29mm deep
- 568B wiring
- Dual block 110/LSA punchdown
- PoE+ IEEE802.3at (30-33W) compliant
- Cable strain relief facility



• 789845



796053 •



789835 •



791329 •



| Item | Description | Category | Style | Type | Insert | Colour | UoM |
|--------|--------------------|----------|-------|------------|--------|--------|------|
| 779332 | Low Profile Module | Cat6 | Euro | Unshielded | PCB | White | Each |
| 789835 | Low Profile Module | Cat6 | Euro | Unshielded | PCB | Black | Each |
| 779331 | Low Profile Module | Cat6 | LJ6C | Unshielded | PCB | White | Each |
| 789845 | Low Profile Module | Cat6 | LJ6C | Unshielded | PCB | Black | Each |
| 796053 | Angled Module | Cat6 | Euro | Unshielded | PCB | White | Each |
| 791329 | Standard Module | Cat6 | Euro | Unshielded | PCB | White | Each |

Cat6 Surface Mounted Outlets



• 789793

Surface mounted outlets are used for directly mounting onto walls to provide a quick and simple network point without the need for a back box

- Cat6 unshielded outlets
- Available in single and dual port versions
- Dual block 110/LSA punchdown
- PoE+ IEEE802.3at (30-33W) compliant



• 789794



| Item | Description | Category | Ports | Type | Colour | UoM |
|--------|------------------------|----------|-------|------------|--------|------|
| 789793 | Surface Mounted Outlet | Cat6 | 1Port | Unshielded | White | Each |
| 789794 | Surface Mounted Outlet | Cat6 | 2Port | Unshielded | White | Each |

Cat6 Assembled Outlets

Bevelled faceplates with fitted Cat6 modules

- No assembly required – saves time on site
- Dual block 110/LSA punchdown
- Protected labelling facility
- 568B wiring scheme
- Can be mounted on 12mm deep back box
- PoE+ IEEE802.3at (30-33W) compliant



• 792389

• 792390

• 819423



| Item | Description | Category | Size | Style | Type | Height | Width | Colour | UoM |
|--------|---------------------------|----------|-------------|---------|------------|--------|-------|--------|------|
| 792389 | Bevelled Assembled Outlet | Cat6 | Single Gang | 1x Euro | Unshielded | 86mm | 86mm | White | Each |
| 792390 | Bevelled Assembled Outlet | Cat6 | Single Gang | 2x Euro | Unshielded | 86mm | 86mm | White | Each |
| 819423 | Bevelled Assembled Outlet | Cat6 | Double Gang | 4x Euro | Unshielded | 86mm | 146mm | White | Each |

Cat6 Contractor Pack



- Cat6 cabling kit that includes a patch panel, patch lead management bar, modules, faceplates and blanks
- 1 x 1U, Cat6 24 port rear punch patch panel with rear cable manager
- 1 x 1U, 4 ring patch lead management bar
- 24 x Cat6 low profile Euro modules
- 12 x Single gang 50x50 Euro curved faceplates
- 12 x Pair Euro quarter blanks
- PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Faceplate Type | UoM |
|--------|-----------------|----------|-------------------|------|
| 815853 | Contractor Pack | Cat6 | Curved Faceplates | Each |

Cat6 RJ45 Coupler

- RJ45 inline coupler for connecting RJ45 patch leads and Ethernet cables
- RJ45-RJ45 inline coupler
- Unshielded
- PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|-------------|----------|-----------|------------|--------|------|
| 787140 | Coupler | Cat6 | RJ45-RJ45 | Unshielded | Black | Each |

Weatherproof RJ45 Coupler

Designed to join cables terminated with RJ45 plugs, this weatherproof RJ45 coupler is IP67 rated and Cat6 compliant

- RJ45-RJ45 coupler
- IP67 rated
- Cat6 compliant, backwards compatible to Cat5e
- Suitable for shielded and unshielded cables
- Cable OD 3-8mm



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|-------------|----------|-----------|---------------------|--------|------|
| 820446 | Coupler | Cat6 | RJ45-RJ45 | Shielded/Unshielded | Black | Each |

IDC Inline Connector

Cat6 IDC inline connector

- IDC to IDC connection box
- Dual block 110/LSA punchdown
- Unshielded



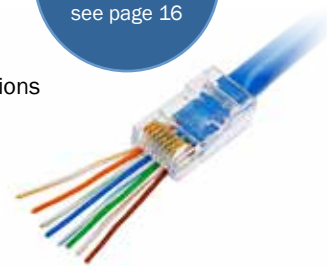
| Item | Description | Category | Style | Type | Colour | UoM |
|--------|------------------|----------|---------------|------------|--------|------|
| 777935 | Inline Connector | Cat6 | IDC Punchdown | Unshielded | White | Each |

Cat6 Fast-Fit RJ45 Plugs

The Fast-Fit RJ45 system is designed to make terminating RJ45 plugs simpler, faster and more repeatable

- Optimised performance due to reduced length of untwisted wires
- Faster termination times and reduced errors by checking wiring positions before crimping
- Suitable for stranded or unshielded wire
- 50 micron gold plating on contacts

Boots &
Crimp Tool
see page 16



| Item | Description | Category | Type | Style | Colour | UoM |
|--------|---------------|----------|------------|-------|--------|-------------|
| 821410 | Fast-Fit Plug | Cat6 | Unshielded | RJ45 | Clear | Pack Of 100 |
| 821411 | Fast-Fit Plug | Cat6 | Shielded | RJ45 | Silver | Pack Of 100 |

Cat6 LSZH U/UTP Patch Leads

- High quality RJ45 patch leads exceed Cat6 specification up to 250MHz
 - Tested to TIA 568 Cat6
 - 24AWG stranded conductors
 - LSZH sheath
 - Slimline boot suitable for high density patching
 - Protected, anti-snag latch
 - Flame retardant to IEC 60332-1
 - Cable diameter 6.5mm



| Length | Grey | Blue | Black | White | Red | Yellow | Green | Orange | Lt Blue | Purple | Pink |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| 0.25m | 792375 | 790244 | 789074 | 790245 | 790567 | 792720 | 790568 | 790265 | 801639 | 792733 | |
| 0.3m | 801957 | 802488 | 810115 | 800154 | 810111 | 802489 | 802490 | 810108 | | 810110 | 810109 |
| 0.5m | 776629 | 776630 | 779392 | 781950 | 776632 | 776633 | 776631 | 792668 | 801641 | 790254 | 792725 |
| 0.75 | 792358 | 792719 | 792723 | | 792726 | 792721 | 792730 | | | | |
| 1m | 776634 | 776635 | 779396 | 781951 | 776637 | 776638 | 776636 | 786803 | 801643 | 779398 | 790267 |
| 1.5m | 789724 | 788604 | 791303 | 790257 | 790251 | 790269 | 790274 | 792667 | 801645 | 790282 | |
| 2m | 776639 | 776640 | 779400 | 781952 | 776642 | 776643 | 776641 | 779401 | 801646 | 779402 | 790273 |
| 3m | 776644 | 776645 | 779404 | 781953 | 776647 | 776648 | 776646 | 786804 | 801647 | 779406 | 790271 |
| 4m | 790256 | | | | | | | | | | |
| 5m | 776649 | 776650 | 779408 | 781954 | 776652 | 776653 | 776651 | 786805 | 801648 | 786802 | 792666 |
| 7m | 790259 | 792257 | 790294 | 790296 | 792728 | 792722 | 792731 | 792732 | 801649 | 792734 | |
| 8m | 790263 | 790272 | | | | | | | | | |
| 10m | 776654 | 776655 | 779412 | 781955 | 776657 | 776658 | 776656 | 786806 | 801650 | 792661 | 792664 |
| 15m | 776659 | 790277 | 792724 | | 792729 | 790261 | 790246 | | 801651 | | |
| 20m | 776660 | 776800 | | 789031 | 790292 | 790284 | | | 801652 | | |
| 25m | 776661 | | | | | | | | | | |
| 30m | 776662 | | | | | | | | | | |

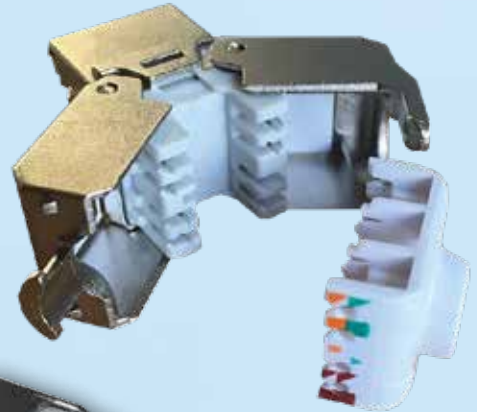
Category 6A

Category 6A cabling – the ultimate solution. Its shielded design ensures data transmission rates of up to 10 Gigabits/sec whilst protecting that data from electromagnetic interference (EMI).

Ultima Cat6A U/FTP cable combines the small overall diameter and flexibility of a Cat6 U/UTP cable with the shielding necessary to protect against alien crosstalk and EMI. Supplied in a 305m box it is easy to pull in whilst its compact dimensions enable more cables in a given size of containment. With Force verified link performance when used in conjunction with the Ultima shielded Cat6A keystone jacks, it's guaranteed to perform, first time, every time.

The shielded Cat6A keystone jack, terminated using a standard 110 punchdown tool or a pair of side cutters, has independently verified component compliant performance from Europe's leading test facility, Force in Denmark. Compatible with a wide range of patch panels and work area outlets it provides a high performance interface between the cabling and connected equipment.

The integral, hinged shutter ensures that, when used in patch panels and unshuttered adaptors, unused ports are protected from airborne contaminants, thus improving network reliability.



Ultima's shielded Cat6A PCB patch panel offers 24 ports in 1U together with conventional punchdown terminations. This cost effective panel has shuttered ports to protect the contacts from airborne contaminants, protected port labelling and integral cable management.

Cat6A Cables



Shielded Cat6A cables supporting applications up to 10G Ethernet

- LSZH sheath
- TIA 568, ISO 11801 and EN 50173 Cat6A compliant performance
- Small overall diameter
- Flexible with low memory
- 23AWG solid conductors
- Metre marked down to 0m



• 800144



• 810360



• 812108



| Item | Conductor Type | Category | Type | Sheath | No of Pairs | CPR Euroclass | NVP Rating | Outer Dia | Colour | UoM |
|--------|----------------|----------|-------|-------------|-------------|----------------|------------|-----------|------------|----------------------|
| 800144 | Solid | Cat6A | U/FTP | LSZH | 4 Pair | Dca-s2, d2, a1 | 74% | 6.9mm | Light Blue | Reel In A Box 305mtr |
| 810360 | Solid | Cat6A | F/FTP | LSZH | 4 Pair | Cca-s1a,d2,a1 | 74% | 7.2mm | Light Blue | Reel of 305mtr |
| 812108 | Solid | Cat6A | F/UTP | PE External | 4 Pair | Fca | 65% | 7.3mm | Black | Reel of 305mtr |

Cat6A Right Angle Patch Panel



- Shielded Cat6A patch panel with vertical, PCB-mounted IDC punchdown terminations
 - Hinged shutters on ports prevent contact contamination
 - Dual protected labelling facilities
 - 360° Cable shield termination
 - Integral cable management
 - LSA punchdown
 - Terminations colour coded for 568A & 568B wiring schemes
 - Supplied with cage nuts kit
 - PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Type | Ports | Orientation | Height | Width | Colour | UoM |
|--------|-------------|----------|----------|--------|-------------|--------|-------|--------|------|
| 798926 | Patch Panel | Cat6A | Shielded | 24Port | Right Angle | 1U | 19" | Black | Each |

Cat6A Unloaded Patch Panels



Unloaded keystone patch panels

- Accept Ultima Cat6A keystone jacks
- Up to 48 ports in 1U
- Port labelling facility
- Removable rear cable management bar
- Supplied with earthing cable
- 789796 has staggered jack layout to reduce alien crosstalk
- 798902 has angled jacks for improved patch lead management



| Item | Description | Category | Type | Ports | Jack Type | Cable Management | Height | Width | Colour |
|--------|-------------|----------------|----------|--------|--------------------------|----------------------------|--------|-------|--------|
| 797557 | Patch Panel | Unloaded Cat6A | Shielded | 24Port | Keystone Jacks | With Rear Cable Management | 0.5U | 19" | Black |
| 789796 | Patch Panel | Unloaded Cat6A | Shielded | 24Port | Staggered Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |
| 798902 | Patch Panel | Unloaded Cat6A | Shielded | 24Port | Angled Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |
| 797434 | Patch Panel | Unloaded Cat6A | Shielded | 48Port | Keystone Jacks | With Rear Cable Management | 1U | 19" | Black |

Cat6A Keystone Jack

Cat6A keystone jack specially designed to support high power PoE up to 100W whilst delivering full Cat6A component compliant performance

- Force verified Cat6A component compliant performance
- IEC60512-99-002 PoE Type III 60W and Type IV 90W support
- Integral dust shutter for unshuttered fascias and panels (also works in shuttered fascias)
- Fits all Ultima keystone style mounting hardware including faceplates, floor boxes, shutters and patch panels
- Toolless termination makes installations quick and easy

Keystone Easy Termination Tool
see page 55



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|---------------|----------|------------------|----------|--------|------|
| 816144 | Keystone Jack | Cat6A | 180 Deg Toolless | Shielded | Silver | Each |

NEXT DAY UK DELIVERY

Cat6A RJ45 Coupler

RJ45 inline coupler for connecting RJ45 patch leads and Ethernet cables

- RJ45-RJ45 inline coupler
- Shielded
- PoE+ IEEE802.3at (30-33W) compliant



| Item | Description | Category | Style | Type | Colour | UoM |
|--------|-------------|----------|-----------|----------|--------|------|
| 789747 | Coupler | Cat6A | RJ45-RJ45 | Shielded | Silver | Each |

Cat6A Cable Extender

Joins two Cat6A cables for relocation of patch panels or work area outlets. Can be used to repair broken or damaged cables or switch from an external grade cable to an internal one

- Toolless termination
- Suitable for solid (0.5 to 0.64mm) or stranded (0.61 to 0.76mm) conductors
- Backwards compatible to Cat6 and Cat5e
- Small overall dimensions (18 x 26 x 39mm)
- Overall sheath diameter from 5.0 to 9.7mm



| Item | Description | Category | Conductors | Type | Colour | UoM |
|--------|----------------|----------|-------------------|----------|--------|------|
| 816763 | Cable Extender | Cat6A | Solid or Stranded | Shielded | Silver | Each |

Cat6A Field Termination RJ45 Plug

Toolless, field termination Cat6A RJ45 plug for time-saving and efficient on-site assembly for all networks, from Voice right through to 10 Gigabit Ethernet

- Suitable for stranded (AWG 22-27) or solid (AWG 22-26) conductors
- Transmission performance exceeds the requirements of Cat6A/Class EA
- Re-terminate up to 5 times
- Includes 568A/B and PNO wiring labels



| Item | Description | Category | Connector | Type | UoM |
|--------|-----------------------------|----------|-----------|----------|------|
| 801991 | Field Termination RJ45 Plug | Cat6A | 8P8C | Shielded | Each |

Cat6A IP68 Field Termination RJ45 Plug

Shielded Cat6A RJ45 plug with IP68 rating when fitted with optional cap or mated with compatible IP68 outlet

- Cat6A performance, backwards compatible to Cat6 and Cat5e
- Supports applications up to 10G Ethernet
- Toolless termination of cable
- Water and dust proof
- Optional protective cap fitted with tether
- Suitable for stranded (AWG 22-27) or solid (AWG 22-26) conductors
- Re-terminate up to 5 times
- Includes 568A/B and PNO wiring labels



| Item | Description | Category | Connector | Type | UoM |
|--------|--|----------|-----------|----------|------|
| 820909 | IP68 Field Termination RJ45 Plug | Cat6A | 8P8C | Shielded | Each |
| 820911 | Cap For IP68 Field Termination RJ45 Plug | Cat6A | - | - | Each |

Cat6A IP68 Bulkhead Mounting Outlet

Shielded Cat6A outlet for mounting in any flat bulkhead. IP68 rating when fitted with optional cap or mated with IP68 Cat6A plug

- Cat6A performance, backwards compatible to Cat6 and Cat5e
- Supports applications up to 10G Ethernet
- Toolless termination of cable
- Water and dust proof
- Bulkhead thickness up to 2mm
- Optional protective cap fitted with tether



| Item | Description | Category | Ports | Jack Type | Colour | UoM |
|--------|------------------------------|----------|-------|-------------------|--------|------|
| 820841 | IP68 Bulkhead Outlet | Cat6A | 1Port | Toolless Keystone | Black | Each |
| 820843 | Cap For IP68 Bulkhead Outlet | - | - | - | Black | Each |

Cat6A S/FTP Patch Leads



Shielded Cat6A patch leads to support applications up to 10G Ethernet

- LSZH sheath
- S/FTP cable construction
- Moulded slimline boot with protected latch
- Flame retardant to IEC 60332-1
- ISO/IEC 11801 and TIA-568-C.2 compliant

| Length | Grey | Black | Blue | Lt Blue | Red | White | Yellow | Pink | Purple | Orange | Green |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0.3m | 822047 | | | | | | 820330 | | | | |
| 0.5m | 819997 | 820019 | 820004 | 821413 | 820026 | 820033 | 820041 | 820049 | 820057 | 820065 | 820011 |
| 1m | 819998 | 820020 | 820005 | 821414 | 820027 | 820034 | 820042 | 820050 | 820058 | 820066 | 820012 |
| 1.5m | 819999 | 820021 | 820006 | 821415 | 820028 | 820035 | 820043 | 820051 | 820059 | 820067 | 820013 |
| 2m | 820000 | 820022 | 820007 | 821416 | 820029 | 820036 | 820044 | 820052 | 820060 | 820068 | 820014 |
| 3m | 820001 | 820023 | 820008 | 821417 | 820030 | 820038 | 820045 | 820053 | 820062 | 820069 | 820016 |
| 5m | 820002 | 820024 | 820009 | 821418 | 820031 | 820039 | 820046 | 820054 | 820063 | 820070 | 820017 |
| 10m | 820003 | 820025 | 820010 | 821419 | 820032 | 820040 | 820047 | 820056 | 820064 | 820071 | 820018 |

Slim Cat6A S/FTP Patch Leads

Slim Cat6A shielded patch leads for high density patching applications

- 30AWG stranded copper conductors
- 4.5mm overall diameter
- Short bodied plug
- Moulded boot with protected latch to prevent snagging
- LSZH sheath



| Item | Description | Category | Type | Sheath | Boot | AWG | Colour | Length | UoM |
|--------|-----------------|----------|-------|--------|--------------|-------|--------|--------|------|
| 812581 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 1Mtr | Each |
| 822642 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 1.5Mtr | Each |
| 812582 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 2Mtr | Each |
| 812583 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 3Mtr | Each |
| 812584 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 5Mtr | Each |
| 812585 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 7.5Mtr | Each |
| 812586 | Slim Patch Lead | Cat6A | S/FTP | LSZH | Moulded Boot | 30AWG | White | 10Mtr | Each |

External Cat6A S/FTP Patch Leads

Cat6A compliant patch leads with a PE sheath, making them suitable for outdoor applications such as connections to IP security cameras and wireless access points

- PE sheath for outdoor applications
- Shielded S/FTP cable
- 26AWG stranded conductors
- Backwards compatible to Cat6 and Cat5e
- Support applications up to 10G Ethernet
- Not suitable for use inside buildings



| Item | Description | Category | Type | Sheath | Boot | AWG | Colour | Length | UoM |
|--------|---------------------|----------|-------|--------|--------------|-------|--------|---------|------|
| 815879 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 0.3Mtr | Each |
| 815762 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 0.5Mtr | Each |
| 815880 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 0.75Mtr | Each |
| 815763 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 1Mtr | Each |
| 815765 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 2Mtr | Each |
| 815766 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 3Mtr | Each |
| 815767 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 5Mtr | Each |
| 815768 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 10Mtr | Each |
| 823288 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 20Mtr | Each |
| 818375 | Patch Lead External | Cat6A | S/FTP | PE | Moulded Boot | 26AWG | Black | 30Mtr | Each |

**The
right tool
for the
job**

Equip yourself with the right tools for the job with our range of industry standard tools designed to facilitate the termination of cables onto Ultima connecting hardware.

Plastics and Tools

Ultima offers a range of faceplates and shuttered fascias to suit a variety of applications.

Keystone angled shutters are ideal for wall outlets and floor boxes, minimising the depth of back box required. The spring loaded shutter prevents contamination of the contacts when not in use whilst a protected labelling facility combines style with functionality.

Ultima curved faceplates provide a modern solution where data cabling must be presented near power outlets and switches. Available in both white and dark grey they can be used within a Part M compliant installation where colour contrast between the faceplate and the surrounding décor is required in order to help the visually impaired.

Bevelled faceplates can be used where back box space is limited and cable bend radii must be maintained. These provide an additional 5mm of usable depth which could negate the need to fit deeper back boxes.

Flat Keystone Shutter

Flat Euro keystone shutter

- Accepts Ultima keystone jacks
- Spring loaded shutter
- Protected labelling facility
- Not recommended for Cat6A jacks



| Item | Description | Style | Jack Type | Colour | UoM |
|--------|--------------|-------|-----------|--------|------|
| 786794 | Flat Shutter | Euro | Keystone | White | Each |

Angled Keystone Shutters

777678 •



809242 •



781936 •



Angled keystone shutters

- Accept Ultima keystone jacks
- Spring loaded or hinged shutter
- Labelling facility
- Angled design reduces required back box depth
- Equipment leads hang neatly down the wall

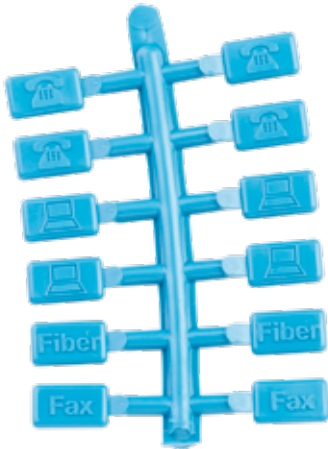
Port
Identification
Sets Available
see page 45

792782 •



| Item | Description | Style | Jack Type | Colour | UoM |
|--------|-----------------------------|-------|-----------|--------|------|
| 777678 | Angled Shutter | LJ6C | Keystone | White | Each |
| 809242 | Angled Shutter (Flat Front) | LJ6C | Keystone | White | Each |
| 819845 | Angled Hinged Shutter | LJ6C | Keystone | White | Each |
| 781936 | Angled Shutter | Euro | Keystone | White | Each |
| 819842 | Angled Hinged Shutter | Euro | Keystone | White | Each |
| 807723 | Angled Shutter (Flat Front) | Euro | Keystone | Black | Each |
| 792782 | Angled Hinged Shutter | Euro | Keystone | Black | Each |

Port Identification Sets



Identification icons for use with Ultima white angled Euro keystone shutters (781936)

- Available in white, red & blue
- Set of 12 icons (4x PC, 4x Telephone, 2x 'Fiber', 2x 'Fax')
- Easy push fit

| Item | Description | Colour | UoM |
|--------|------------------|--------|-----|
| 805505 | Port ID Icon Set | Blue | Set |
| 805506 | Port ID Icon Set | Red | Set |
| 805507 | Port ID Icon Set | White | Set |

**EASY
ORDERING**



Unshuttered Keystone Adaptors

For mounting keystone modules in faceplates and floor boxes

- Suitable for use with all types of keystone jack, including copper, fibre and AV
- Facilitate mixing of different media types on a single faceplate
- Up to 8 keystone jacks can be mounted in a double gang faceplate



• 791431



• 789774



• 816101



• 803724



• 803723



• 816102

| Item | Description | Style | Jack Type | Colour | UoM |
|--------|--------------------------|-------|---------------|--------|------|
| 791431 | Flat Unshuttered Adaptor | Euro | Keystone | White | Each |
| 789774 | Flat Unshuttered Adaptor | Euro | Keystone (x2) | White | Each |
| 803724 | Flat Unshuttered Adaptor | Euro | Keystone | Black | Each |
| 803723 | Flat Unshuttered Adaptor | Euro | Keystone (x2) | Black | Each |
| 816101 | Flat Unshuttered Adaptor | LJ6C | Keystone | White | Each |
| 816102 | Flat Unshuttered Adaptor | LJ6C | Keystone | Black | Each |

DIN Rail Module

- Unloaded module for DIN rail mounting. Suitable for use with keystone copper, fibre optic and multimedia jacks
 - For use with industry standard 35mm DIN rails
 - Can be mounted side-by-side
 - Side cover available
 - Integral earthing clip
 - Only 18mm (1HP) wide



• 816010 with optional side cover fitted

| Item | Description | Category | Jack Type | Colour | UoM |
|--------|----------------------------|----------|-----------|--------|------|
| 816010 | DIN Rail Module | Unloaded | Keystone | Grey | Each |
| 816011 | DIN Rail Module Side Cover | - | Keystone | Grey | Each |

DIN Rail Box

- Suitable for mounting on industry standard 35mm DIN rails this 8 port box will accommodate up to 8 keystone jacks. Accepts copper, fibre and AV keystone jacks with earth bonding facility for shielded jacks
 - Mount up to 8 keystone jacks
 - Jack holders rotate for top or bottom cable entry
 - Securely latches on to 35mm DIN rails
 - Can also be mounted on any flat surface
 - Supplied with fixing screws, labels and earth strap



| Item | Description | Category | Jack Type | Colour | UoM |
|--------|--------------|----------|-----------|--------|------|
| 821014 | DIN Rail Box | Unloaded | Keystone | Black | Each |

Flat Euro Faceplates

- Accept all Ultima Euro modules, shutters and blanks
- Suitable for copper, fibre and AV modules



777680 •



772350 •



799848 •



• 772351



• 812551

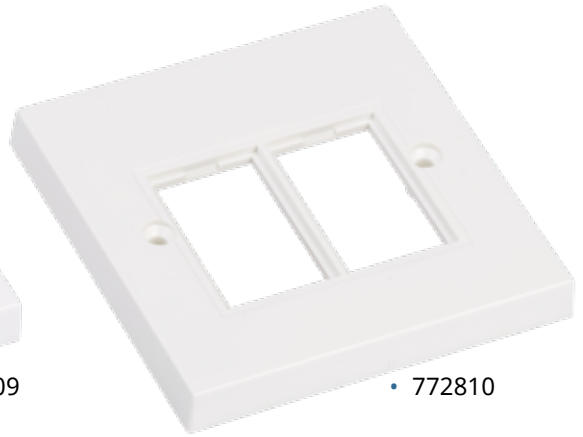
| Item | Description | Type | Size | Socket | Height | Width | Colour | UoM |
|--------|-------------|------|-------------|---------|--------|-------|--------|------|
| 777680 | Faceplate | Flat | Single Gang | 1x Euro | 86mm | 86mm | White | Each |
| 772350 | Faceplate | Flat | Single Gang | 2x Euro | 86mm | 86mm | White | Each |
| 799848 | Faceplate | Flat | Single Gang | 2x Euro | 86mm | 86mm | Black | Each |
| 772351 | Faceplate | Flat | Double Gang | 4x Euro | 86mm | 146mm | White | Each |
| 812551 | Faceplate | Flat | Double Gang | 4x Euro | 86mm | 146mm | Black | Each |

Flat LJ6C Faceplates

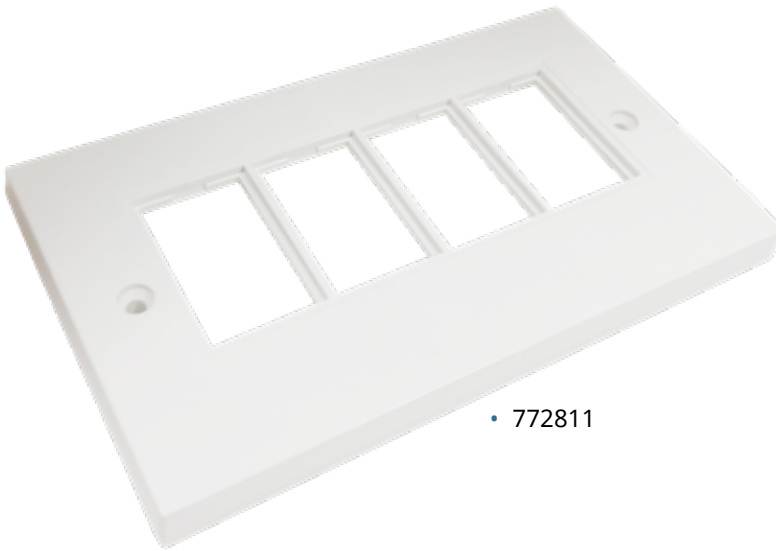
- Accept all Ultima LJ6C modules, shutters and blanks
- Suitable for copper, fibre and AV modules



• 772809



• 772810



• 772811

| Item | Description | Type | Size | Socket | Height | Width | Colour | UoM |
|--------|-------------|------|-------------|---------|--------|-------|--------|------|
| 772809 | Faceplate | Flat | Single Gang | 1x LJ6C | 86mm | 86mm | White | Each |
| 772810 | Faceplate | Flat | Single Gang | 2x LJ6C | 86mm | 86mm | White | Each |
| 772811 | Faceplate | Flat | Double Gang | 4x LJ6C | 86mm | 146mm | White | Each |

Single Gang Shuttered Keystone Faceplates



• 789777

Flat, single gang faceplates with integral shutters

- Complete faceplate, just requires keystone jacks
- Single, double or quad port options available



• 789778



• 789969

| Item | Description | Type | Size | Socket | Shuttered | Module | Height | Width | Colour | UoM |
|--------|-------------|------|-------------|--------|-----------|----------|--------|-------|--------|------|
| 789777 | Faceplate | Flat | Single Gang | 1x | Shuttered | Keystone | 86mm | 86mm | White | Each |
| 789778 | Faceplate | Flat | Single Gang | 2x | Shuttered | Keystone | 86mm | 86mm | White | Each |
| 789969 | Faceplate | Flat | Single Gang | 4x | Shuttered | Keystone | 86mm | 86mm | White | Each |

Bevelled Euro Faceplates

Accept all Ultima Euro modules, shutters and blanks

- Suitable for copper, fibre and AV modules
- Bevelled design provides an additional 5mm of back box depth



• 777679



• 777682

| Item | Description | Type | Size | Socket | Height | Width | Colour | UoM |
|--------|-------------|----------|-------------|---------|--------|-------|--------|------|
| 777679 | Faceplate | Bevelled | Single Gang | 2x Euro | 86mm | 86mm | White | Each |
| 777682 | Faceplate | Bevelled | Double Gang | 4x Euro | 86mm | 146mm | White | Each |

Curved Euro Faceplates



• 783205



• 778212



• 778213

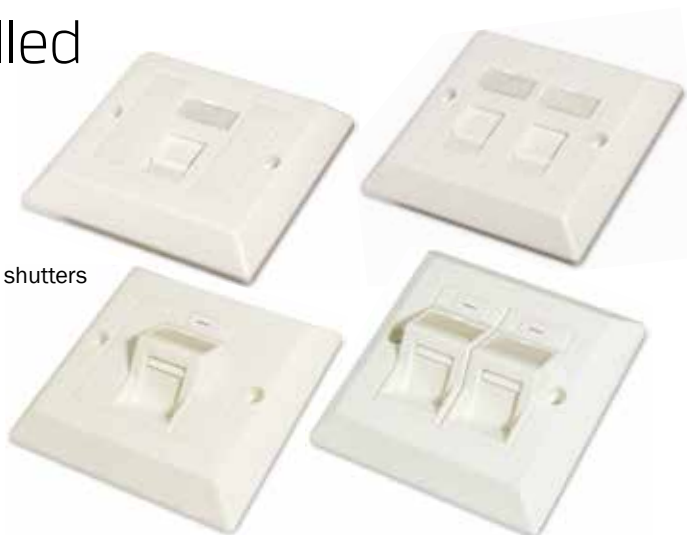
Euro faceplates with a modern, curved design that matches commonly used electrical faceplates

- Accept all Ultima Euro modules, shutters and blanks
- Available in white and dark grey
- Dark grey faceplates offer a solution to the requirements of Part M1 of the building regulations, enabling the visually impaired to identify the faceplate's position against its surrounding decor

| Item | Description | Type | Size | Socket | Height | Width | Colour | UoM |
|--------|-------------|--------|-------------|---------|--------|-------|-----------|------|
| 783205 | Faceplate | Curved | Single Gang | 2x Euro | 86mm | 86mm | Dark Grey | Each |
| 783206 | Faceplate | Curved | Double Gang | 4x Euro | 86mm | 146mm | Dark Grey | Each |
| 778212 | Faceplate | Curved | Single Gang | 2x Euro | 86mm | 86mm | White | Each |
| 778213 | Faceplate | Curved | Double Gang | 4x Euro | 86mm | 146mm | White | Each |

Assembled Bevelled Euro Faceplates

- Single gang bevelled faceplates pre-assembled with keystone shutters
- Available with flat or angled keystone shutters
 - Protected port labelling facility
 - Spring loaded shutters
 - Angled shutter recommended for Cat6A keystone jacks
 - Keystone jacks must be ordered separately



| Item | Description | Type | Size | Socket | Shutter | Module | Height | Width | Colour | UoM |
|--------|-------------|----------|-------------|---------|---------|----------|--------|-------|--------|------|
| 783017 | Faceplate | Bevelled | Single Gang | 1x Euro | Flat | Keystone | 86mm | 86mm | White | Each |
| 783016 | Faceplate | Bevelled | Single Gang | 2x Euro | Flat | Keystone | 86mm | 86mm | White | Each |
| 789776 | Faceplate | Bevelled | Single Gang | 1x Euro | Angled | Keystone | 86mm | 86mm | White | Each |
| 789775 | Faceplate | Bevelled | Single Gang | 2x Euro | Angled | Keystone | 86mm | 86mm | White | Each |

Blanking Plates

- Euro and LJ6C blanking plates
- High quality ABS plastic
 - Fill unused apertures in faceplates and floor boxes



| Item | Description | Size | Style | Height | Width | Colour | UoM |
|--------|----------------|---------------|-------|--------|--------|--------|-----------|
| 772812 | Blanking Plate | Full Blank | LJ6C | 38mm | 24mm | White | Each |
| 797126 | Blanking Plate | Full Blank | LJ6C | 38mm | 24mm | Black | Each |
| 772815 | Blanking Plate | Half Blank | Euro | 50mm | 25mm | White | Each |
| 789092 | Blanking Plate | Half Blank | Euro | 50mm | 25mm | Black | Each |
| 774102 | Blanking Plate | Quarter Blank | Euro | 50mm | 12.5mm | White | Pack Of 2 |
| 789091 | Blanking Plate | Quarter Blank | Euro | 50mm | 12.5mm | Black | Pack Of 2 |

Unloaded Surface Mount Outlets

Surface mounting outlets with keystone apertures suitable for mounting a wide range of keystone jacks including copper, fibre and multimedia

- Suitable for mounting on any flat surface, either horizontal or vertical
- Top, side and rear cable entry options
- Port labelling facility
- Fixing screws included



• 815975



• 815976

| Item | Description | Ports | Jack Type | Colour | UoM |
|--------|------------------------|-------|-----------|--------|------|
| 815975 | Surface Mounted Outlet | 2Port | Keystone | White | Each |
| 815976 | Surface Mounted Outlet | 4Port | Keystone | White | Each |

Surface Mount Back Boxes

Single and double gang surface mount back boxes

- Rear, top and side cut outs
- Square corners
- Available in a range of depths



| Item | Gangs | Depth | Colour | UoM |
|--------|-------------|-------|--------|------|
| 993203 | Single Gang | 21mm | White | Each |
| 770997 | Single Gang | 32mm | White | Each |
| 817853 | Single Gang | 32mm | Black | Each |
| 770998 | Single Gang | 44mm | White | Each |
| 774239 | Double Gang | 32mm | White | Each |
| 818317 | Double Gang | 32mm | Black | Each |
| 774240 | Double Gang | 44mm | White | Each |

110 Termination Tool

Punchdown tool for terminating wires on 110 IDC blocks

- Automatically trims excess wire
- Adjustable impact force setting
- Supplied with spare blade stored in tool handle



| Item | Description | Type | UoM |
|--------|------------------|------------|------|
| 770218 | Termination Tool | 110 Blocks | Each |

Inserter Wire 2A

Single wire insertion tool for LSA style IDC terminations

- Durable & reliable for regular use
- Includes blade to assist in removal of termination strips from backmount frames
- Includes hook for removal of wires from terminations
- Scissor action blades trim excess wire



| Item | Description | Type | UoM |
|--------|------------------|------|------|
| 773118 | Insertor Wire 2A | LSA | Each |

Flush Cutting Nippers

Mini flush cutting nippers

- Manufactured from carbon steel and hardened and tempered for cutting copper wire up to 1mm diameter
- Chemically blacked finish to reduce glare
- Cushioned grips and steel return spring for increased comfort during repetitive cutting



| Item | Description | Length | UoM |
|--------|----------------------------|--------|------|
| 809585 | Mini Flush Cutting Nippers | 130mm | Each |

Cyclops Sheath Cutter

Cyclops cutter for accurately cutting sheaths of unshielded and shielded cables. Once cut the sheath can be easily removed

- Self-adjusting blade
- Capacity: 3mm - 11mm
- Suitable for twisted pair and coax cables



| Item | Description | Cable Dia | UoM |
|--------|-----------------------------|-----------|------|
| 993874 | Cyclops Cable Sheath Cutter | 3mm-11mm | Each |

Keystone Easy Termination Tools

Designed to easily and comfortably facilitate termination of the Ultima toolless termination Cat5e, Cat6 and Cat6A keystone jacks

- Handheld termination tool
- Close jack covers with minimal effort
- Options for 90° and 180° jacks



| Item | Description | Type | UoM |
|--------|--------------------|---------------------|------|
| 815146 | Keystone Easy Tool | 180° Toolless Jacks | Each |
| 815147 | Keystone Easy Tool | 90° Toolless Jacks | Each |

NEXT DAY UK DELIVERY

Cable Management

A high performing cabling system requires good cable management. We advise 1U of patch cord management for every 48 patch panel ports. Consideration should be given to the;

- Performance of the cabling system
- Diameter and flexibility of the patch leads
- Number of patch leads to be managed

In environments with forced air cooling the management of airflow is important as leakage of air is inefficient and costly. Ultima blanking and brush strip panels help to blank off unused portions of rack space whilst, at the same time, providing adequate routes for cables from the front to the rear of the rack or cabinet. We also offer a range of vented panels.

Ultima POD boxes are suitable for under floor or under desk applications. These rugged, versatile units enable cabling to be installed in open plan areas where there is a high churn of personnel or a frequent re-organising of the office space.

Floor matting can provide a cost effective solution for sub floor cable routes where cables must be protected from the concrete slab and the potential risk of lying in standing water.

Basket matting protects cables running on baskets or trays from sharp edges and potential long term wear.



Protective Cable Matting

A Class 'O' fire rated nitrile rubber data cable matting to protect and maintain the performance of copper and fibre optic cables under raised floors or in containment systems such as a basket tray

- Protects cables from sharp edges, snagging, protrusions & ridges
- Lightweight and can easily be trimmed to length
- Closed cell construction prevents any chemical or moisture penetration
- Lengths should be joined using cable matting tape to maintain the fire standard (see below 803094)



| Item | Description | Type | Thickness | Width | Colour | Length | UoM |
|--------|----------------|-----------|-----------|-------|--------|--------|---------------|
| 776899 | Basket Matting | 'O' Class | 6mm | 100mm | Black | 30Mtr | Reel Of 30Mtr |
| 776898 | Basket Matting | 'O' Class | 6mm | 150mm | Black | 30Mtr | Reel Of 30Mtr |
| 776897 | Basket Matting | 'O' Class | 6mm | 200mm | Black | 30Mtr | Reel Of 30Mtr |
| 776896 | Basket Matting | 'O' Class | 6mm | 300mm | Black | 30Mtr | Reel Of 30Mtr |
| 800032 | Basket Matting | 'O' Class | 6mm | 400mm | Black | 30Mtr | Reel Of 30Mtr |
| 791218 | Basket Matting | 'O' Class | 6mm | 450mm | Black | 30Mtr | Reel Of 30Mtr |
| 777028 | Basket Matting | 'O' Class | 6mm | 500mm | Black | 30Mtr | Reel Of 30Mtr |
| 800033 | Basket Matting | 'O' Class | 6mm | 600mm | Black | 30Mtr | Reel Of 30Mtr |
| 800035 | Floor Matting | 'O' Class | 13mm | 150mm | Black | 14Mtr | Roll Of 14Mtr |
| 800036 | Floor Matting | 'O' Class | 13mm | 200mm | Black | 14Mtr | Roll Of 14Mtr |
| 778127 | Floor Matting | 'O' Class | 13mm | 300mm | Black | 14Mtr | Roll Of 14Mtr |
| 778126 | Floor Matting | 'O' Class | 13mm | 500mm | Black | 14Mtr | Roll Of 14Mtr |
| 800037 | Floor Matting | 'O' Class | 13mm | 550mm | Black | 14Mtr | Roll Of 14Mtr |
| 779881 | Floor Matting | 'O' Class | 13mm | 600mm | Black | 14Mtr | Roll Of 14Mtr |

Protective Cable Matting Tapes

Tape for joining cable matting

- Using Class 'O' tape with Class 'O' matting maintains the BS476 fire standard



| Item | Description | Type | Thickness | Width | Colour | Length | UoM |
|--------|--------------------|-----------------|-----------|-------|--------|--------|------|
| 778129 | Cable Matting Tape | Flame Retardant | 3mm | 50mm | Black | 25Mtr | Each |
| 803094 | Cable Matting Tape | 'O' Class | 3mm | 50mm | Black | 33Mtr | Each |

Cable Matting Cutter

- Provides clean, safe cuts of basket and floor matting
 - Designed to be pushed away from the operative
 - Supplied with 5 spare blades



| Item | Description | Type | Colour | UoM |
|--------|----------------------|---------------|--------|------|
| 800337 | Cable Matting Cutter | Safety Cutter | Blue | Each |

LJ6C POD Box Kits - Unloaded

- POD box kits for use beneath floors or attaching to desks
 - Complete with cable tie fixing points and keyhole slots
 - Supplied with 5m length of flexible LSZH conduit
 - Includes glands, nuts and 1 x metal fixing bracket



| Item | Description | Type | Ports | Entry Gland | Width | Depth | Colour | Length | UoM |
|--------|------------------|------------|-------|-------------|-------|-------|--------|--------|------|
| 779909 | LJ6C POD Box Kit | Horizontal | 4Port | 25mm | 60mm | 55mm | Black | 190mm | Each |
| 779910 | LJ6C POD Box Kit | Horizontal | 6Port | 32mm | 60mm | 55mm | Black | 250mm | Each |

LJ6C Horizontal POD Boxes - Unloaded

For use beneath floors or can be attached to desks

- Complete with cable tie fixing points and keyhole slots
- When using Cat6A modules, use 70mm deep boxes
- Rugged steel construction
- Durable powder coated finish
- Not suitable for use with angled keystone shutters



| Item | Description | Type | Ports | Port Layout | Entry Gland | Width | Depth | Colour | Length | UoM |
|--------|--------------|------------|--------|-------------|-------------|-------|-------|--------|--------|------|
| 779906 | LJ6C POD Box | Horizontal | 2Port | 1x2 | 20mm | 60mm | 55mm | Black | 140mm | Each |
| 818461 | LJ6C POD Box | Horizontal | 2Port | 1x2 | 25mm | 60mm | 55mm | Black | 140mm | Each |
| 805518 | LJ6C POD Box | Horizontal | 2Port | 1x2 | 25mm | 60mm | 70mm | Black | 140mm | Each |
| 776846 | LJ6C POD Box | Horizontal | 4Port | 1x4 | 25mm | 60mm | 55mm | Black | 190mm | Each |
| 788561 | LJ6C POD Box | Horizontal | 4Port | 1x4 | 32mm | 60mm | 55mm | Black | 190mm | Each |
| 797565 | LJ6C POD Box | Horizontal | 4Port | 1x4 | 25mm | 60mm | 70mm | Black | 190mm | Each |
| 798809 | LJ6C POD Box | Horizontal | 4Port | 1x4 | 32mm | 60mm | 70mm | Black | 190mm | Each |
| 778433 | LJ6C POD Box | Horizontal | 6Port | 1x6 | 32mm | 60mm | 55mm | Black | 250mm | Each |
| 788563 | LJ6C POD Box | Horizontal | 8Port | 1x8 | 32mm | 60mm | 55mm | Black | 305mm | Each |
| 802193 | LJ6C POD Box | Horizontal | 8Port | 2x4 | 2 x 25mm | 100mm | 55mm | Black | 250mm | Each |
| 788564 | LJ6C POD Box | Horizontal | 8Port | 2x4 | 2 x 32mm | 100mm | 55mm | Black | 250mm | Each |
| 788565 | LJ6C POD Box | Horizontal | 12Port | 2x6 | 2 x 32mm | 120mm | 55mm | Black | 250mm | Each |
| 792783 | LJ6C POD Box | Horizontal | 12Port | 2x6 | 32mm | 124mm | 58mm | Black | 250mm | Each |
| 788566 | LJ6C POD Box | Horizontal | 16Port | 2x8 | 2 x 32mm | 125mm | 55mm | Black | 310mm | Each |

LJ6C Vertical POD Boxes - Unloaded

- For use beneath floors or can be attached to desks
- Complete with cable tie fixing points and keyhole slots
- Screw fixing cover
- Rugged steel construction
- Durable powder coated finish
- 70mm depth should be used for Cat6A cabling



• 806326



• 797564



• 818462

| Item | Description | Type | Ports | Port Layout | Entry Gland | Width | Depth | Colour | Length | UoM |
|--------|--------------|----------|-------|-------------|-------------|-------|-------|--------|--------|------|
| 806326 | LJ6C POD Box | Vertical | 2Port | 1x2 | 25mm | 60mm | 70mm | Black | 140mm | Each |
| 788569 | LJ6C POD Box | Vertical | 4Port | 2x2 | 25mm | 60mm | 55mm | Black | 190mm | Each |
| 798811 | LJ6C POD Box | Vertical | 4Port | 2x2 | 25mm | 60mm | 70mm | Black | 190mm | Each |
| 797564 | LJ6C POD Box | Vertical | 4Port | 2x2 | 32mm | 60mm | 70mm | Black | 190mm | Each |
| 818462 | LJ6C POD Box | Vertical | 6Port | 3x2 | 32mm | 60mm | 70mm | Black | 222mm | Each |

LJ6C Side Entry POD Boxes - Unloaded

- For use beneath floors or can be attached to desks
- Complete with cable tie fixing points and keyhole slots
- Screw fixing cover
- Rugged steel construction
- Durable powder coated finish
- Not suitable for use with angled keystone shutters



• 779907



788567 •

| Item | Description | Type | Ports | Port Layout | Entry Gland | Width | Depth | Colour | Length | UoM |
|--------|--------------|------------|--------|-------------|-------------|-------|-------|--------|--------|------|
| 779907 | LJ6C POD Box | Side Entry | 4Port | 1x4 | 25mm | 62mm | 40mm | Black | 240mm | Each |
| 788567 | LJ6C POD Box | Side Entry | 12Port | 2x6 | 2 x 32mm | 120mm | 55mm | Black | 330mm | Each |

POD Box Brackets




- POD box "L" fixing bracket
- Suitable for screw or adhesive fixing
- Cable tie point provided



| Item | Description | Diameter |
|--------|-------------|----------|
| 778434 | L Bracket | 20mm |
| 778435 | L Bracket | 25mm |
| 782715 | L Bracket | 32mm |
| 803426 | L Bracket | 50mm |

Cable Management Panels - Vertical Rings

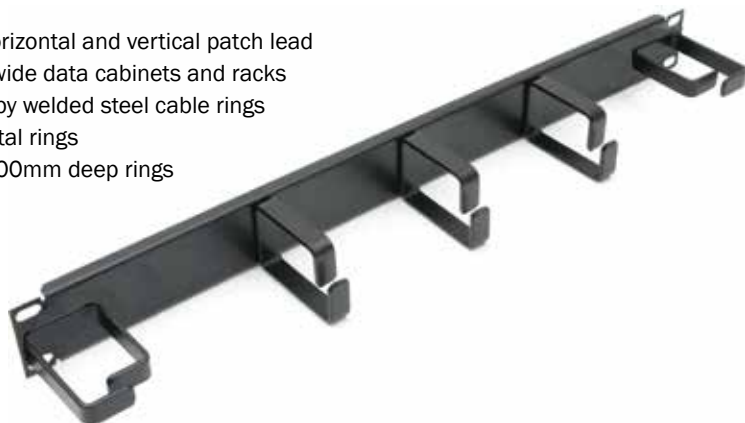
- Universal 19" mounting cable management panels
 - Ideal for ensuring good horizontal patch lead management in 19" data cabinets and racks
 - Management is provided by welded steel cable rings
 - Option for 4 or 5 rings
 - Available with 65mm or 100mm deep rings

| Item | | Description | No of Rings | Ring Orientation | Height | Depth | Colour | UoM |
|--------|---|------------------------------------|-------------|------------------|--------|-------|--------|------|
| 783076 |  | Cable Manager | 4 Ring | Vertical | 1U | 65mm | Grey | Each |
| 778814 |  | Cable Manager | 4 Ring | Vertical | 1U | 65mm | Black | Each |
| 783078 |  | Cable Manager | 4 Ring | Vertical | 1U | 100mm | Black | Each |
| 810273 |  | Cable Manager (Letterbox Style) | 4 Ring | Vertical | 1U | 65mm | Black | Each |
| 778822 |  | Cable Manager | 4 Ring | Vertical | 2U | 65mm | Black | Each |
| 783075 |  | Cable Manager | 5 Ring | Vertical | 1U | 65mm | Black | Each |
| 783077 |  | Cable Manager | 5 Ring | Vertical | 1U | 100mm | Black | Each |

Cable Management Panels - Vertical/Horizontal Rings

Universal 19" mounting cable management panels supplied complete with fixings

- Ideal for ensuring good horizontal and vertical patch lead management in 600mm wide data cabinets and racks
- Management is provided by welded steel cable rings
- 3x vertical and 2x horizontal rings
- Available with 65mm or 100mm deep rings



| Item | Description | No of Rings | Ring Orientation | Height | Depth | Colour | UoM |
|--------|---------------|-------------|------------------------------|--------|-------|--------|------|
| 786825 | Cable Manager | 5 Ring | 3 x Vertical, 2 x Horizontal | 1U | 65mm | Black | Each |
| 786826 | Cable Manager | 5 Ring | 3 x Vertical, 2 x Horizontal | 1U | 65mm | Grey | Each |
| 786827 | Cable Manager | 5 Ring | 3 x Vertical, 2 x Horizontal | 1U | 100mm | Black | Each |
| 786828 | Cable Manager | 5 Ring | 3 x Vertical, 2 x Horizontal | 1U | 100mm | Grey | Each |

Cable Dump Panels

19" cable dump panels

- Management is provided by finger trunking
- Ideal for ensuring good horizontal patch lead management in 19" data cabinets and racks



| Item | Description | Type | Height | Width | Colour | UoM |
|--------|------------------|----------|--------|-------|--------|------|
| 786713 | Cable Dump Panel | Flat | 1U | 19" | Black | Each |
| 801845 | Cable Dump Panel | Recessed | 1U | 19" | Black | Each |
| 786714 | Cable Dump Panel | Flat | 2U | 19" | Black | Each |

Cable Managers, Hinged Covers



- 7 ring cable managers with hinged cover
 - Front cover hinges up or down
 - Durable plastic construction
 - Supports horizontal patch lead routing

| Item | Description | Type | Style | Height | Width | Depth | Colour | UoM |
|--------|---------------|--------|--------|--------|-------|-------|--------|------|
| 795470 | Cable Manager | Hinged | 7 Ring | 1U | 19" | 65mm | Black | Each |
| 795471 | Cable Manager | Hinged | 7 Ring | 2U | 19" | 75mm | Black | Each |

Brush Strip Management Panels

- 19" brush strip letterbox or drop panels
 - Used to feed patch leads from the front of the equipment through to the inside of 19" enclosures
 - 1U and 2U heights

| Item | Description | Type | Height | Width | Colour | UoM |
|--------|---|-----------------------------|--------|-------|--------|------|
| 786796 |  | Brush Strip Panel Letterbox | 1U | 19" | Black | Each |
| 786797 |  | Brush Strip Panel Letterbox | 1U | 19" | Grey | Each |
| 786798 |  | Brush Strip Panel Letterbox | 2U | 19" | Black | Each |
| 786823 |  | Brush Strip Panel Letterbox | 2U | 19" | Grey | Each |
| 805514 |  | Brush Strip Panel Drop | 1U | 19" | Black | Each |

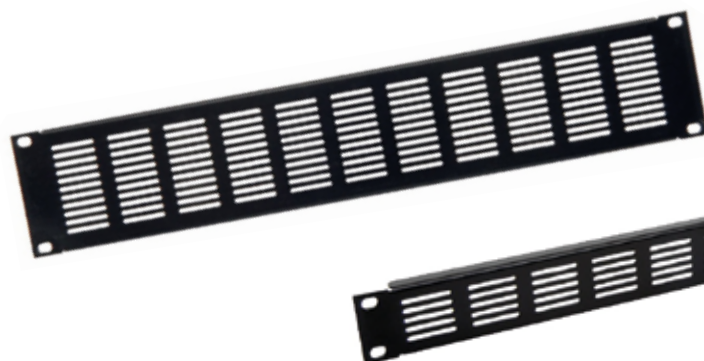
Blanking Panels



- 19" blanking panels
- Steel construction
- Help manage air flow and fill unused space in 19" cabinets and racks
- Available in a range of heights
- Available in black or grey

| Item | Description | Type | Height | Width | Colour | UoM |
|--------|----------------|-------|--------|-------|--------|------|
| 783006 | Blanking Panel | Plain | 1U | 19" | Black | Each |
| 783008 | Blanking Panel | Plain | 2U | 19" | Black | Each |
| 783009 | Blanking Panel | Plain | 3U | 19" | Black | Each |
| 783010 | Blanking Panel | Plain | 4U | 19" | Black | Each |
| 778815 | Blanking Panel | Plain | 1U | 19" | Grey | Each |
| 778818 | Blanking Panel | Plain | 2U | 19" | Grey | Each |
| 778820 | Blanking Panel | Plain | 3U | 19" | Grey | Each |
| 791932 | Blanking Panel | Plain | 5U | 19" | Grey | Each |
| 793034 | Blanking Panel | Plain | 6U | 19" | Grey | Each |

Vented Blanking Panels



- 19" vented blanking panels
- Enable flow of air from front to rear of 19" cabinets and racks whilst filling unused rack spaces

| Item | Description | Type | Height | Width | Colour | UoM |
|--------|----------------|--------|--------|-------|--------|------|
| 788635 | Blanking Panel | Vented | 1U | 19" | Black | Each |
| 788636 | Blanking Panel | Vented | 2U | 19" | Black | Each |

Cage Nuts and Bolts

Cage nuts and bolts for use with all 19" rack mounting products

- Supplied in pack of 50 cage nuts, bolts and cup washers
- Option for Pozi or Slot headed bolts
- SPCL cage nuts (also known as Monoserts) allow the nuts to be mounted from the front



| Item | Description | Type | Colour | UoM |
|--------|-------------------------|----------------|--------|------------|
| 778817 | Cage Nuts & Bolts | Pozi Screw | Silver | Pack Of 50 |
| 793030 | Cage Nuts & Bolts | Pozi Screw | Black | Pack Of 50 |
| 783073 | Cage Nuts & Bolts | Slot Pan Screw | Silver | Pack Of 50 |
| 788826 | Cage SPCL-Serts & Bolts | Pozi Screw | Silver | Pack Of 50 |

EASY
ORDERING



Wall Boxes

Our wall boxes include assembled, flat pack, two-section and low profile options. Available in 6 depths, from 150mm to 600mm, and 7 heights, from 6U through to 22U, there's a solution for everyone.

Features include adjustable 19" profiles, cable entry knockouts, lockable glass front doors and a range of accessories.

Our single, two piece and low profile models are supplied fully assembled. For shipping and handling advantages our flat pack range offers quick and easy on-site assembly and superior load performance - tested with 100kgs on the wall, double the nominal weight capacity.

**House your
network
equipment with
confidence**



Flat Pack Wall Boxes

Flat pack range of wall mount enclosures offering superior load performance

- Supplied in flat pack form
- Rigid bolt together construction
- Superior load capability, tested with 100Kgs
- Lockable toughened glass door with quick release hinges
- Doors can be hinged left or right
- Secure side panels with a hidden spring loaded pin system
- Adjustable front 19" rails with U height markings and fixed rear rails
- Vented top cover with option to fit single or twin fan kit
- Cable entry knockouts top, base and rear
- Wall fixing bracket included
- Black RAL 9005 finish

Supplied Flat Packed

LOAD CAPACITY 100KG



| Item | Description | Weight | Flat Pack Gross Weight | Height | Width | Depth | Colour | UoM |
|--------|--------------------|--------|------------------------|--------|-------|-------|--------|------|
| 822998 | Flat Pack Wall Box | 13Kg | 14.6Kg | 6U | 600mm | 450mm | Black | Each |
| 822999 | Flat Pack Wall Box | 15.8Kg | 17.3Kg | 9U | 600mm | 450mm | Black | Each |
| 823000 | Flat Pack Wall Box | 18.8Kg | 19.7Kg | 12U | 600mm | 450mm | Black | Each |
| 823001 | Flat Pack Wall Box | 15.4Kg | 17.4Kg | 6U | 600mm | 600mm | Black | Each |
| 823002 | Flat Pack Wall Box | 18Kg | 20Kg | 9U | 600mm | 600mm | Black | Each |
| 823003 | Flat Pack Wall Box | 21.8Kg | 24.1Kg | 12U | 600mm | 600mm | Black | Each |
| 823004 | Flat Pack Wall Box | 26.2Kg | 28.5Kg | 15U | 600mm | 600mm | Black | Each |
| 823005 | Flat Pack Wall Box | 27.6Kg | 29.9Kg | 18U | 600mm | 600mm | Black | Each |
| 823325 | Flat Pack Wall Box | 30.6Kg | 33.2Kg | 21U | 600mm | 600mm | Black | Each |

Fan Kits

- Fan kits are available with single or twin fans
 - For Ultima flat pack wall boxes
 - Thermostat controlled, long life fan (50,000 hours)
 - Low noise



| Item | Description | Type | Rating | UoM |
|--------|-------------|------------|---------|------|
| 823008 | Fan Kit | Single Fan | AC 240V | Each |
| 823010 | Fan Kit | Twin Fan | AC 240V | Each |

Shelves

- For Ultima flat pack wall boxes
- Adjustable rear 19" brackets



| Item | Description | Supports | Height | Width | Depth | UoM |
|--------|-------------------------------|------------|--------|-------|-------|------|
| 823412 | Shelf for 450mm Deep Cabinets | Up to 50Kg | 1U | 19" | 250mm | Each |
| 823413 | Shelf for 600mm Deep Cabinets | Up to 50Kg | 1U | 19" | 400mm | Each |

Levelling Feet and Castors

- For Ultima flat pack wall boxes
- Enable wall mounted cabinets to be floor standing



| Item | Description | UoM |
|--------|--------------------|-----------|
| 823414 | PVC Levelling Feet | Pack of 4 |
| 823415 | Castor Kit | Pack of 4 |

Brush Panel

- Brush Panel for cable entry



| Item | Description | Width | Depth | UoM |
|--------|-------------|-------|-------|------|
| 823417 | Brush Panel | 208mm | 60mm | Each |

Accessories

- Grounding kit includes 4 x snap-in grounding terminals and 3 x 20cm long plug-in type yellow/green grounding cables



| Item | Description | UoM |
|--------|---------------------|------|
| 823416 | Earth Grounding Kit | Each |
| 823418 | Spare Key | Each |



**NEXT DAY
UK DELIVERY**

Assembled Wall Boxes

Wall mounting data cabinets with adjustable 19" profiles and lockable, glass front door

- Lockable toughened glass door with quick release hinges
- Door can be hinged left or right
- 4 fully adjustable 19" mounting rails
- Cable entry top and bottom (250mm x 60mm)
- Welded construction
- Easy mount, 1 person installation
- Removable side panels
- Maximum static load: 60kg



Full adjustable mounting rails



Multiple cable entry options

| Item | Description | Weight | Height | Width | Depth | Colour | UoM |
|--------|-------------|--------|--------|-------|-------|--------|------|
| 773068 | Wall Box | 18.5Kg | 6U | 600mm | 450mm | Grey | Each |
| 786067 | Wall Box | 18.5Kg | 6U | 600mm | 450mm | Black | Each |
| 778897 | Wall Box | 21.8Kg | 6U | 600mm | 500mm | Grey | Each |
| 787457 | Wall Box | 21.8Kg | 6U | 600mm | 600mm | Black | Each |
| 786068 | Wall Box | 21.8Kg | 6U | 600mm | 500mm | Black | Each |
| 773069 | Wall Box | 22.2Kg | 9U | 600mm | 450mm | Grey | Each |
| 785835 | Wall Box | 22.2Kg | 9U | 600mm | 450mm | Black | Each |
| 778898 | Wall Box | 25.4Kg | 9U | 600mm | 500mm | Grey | Each |
| 786069 | Wall Box | 25.4Kg | 9U | 600mm | 500mm | Black | Each |
| 787458 | Wall Box | 25.4Kg | 9U | 600mm | 600mm | Black | Each |
| 773070 | Wall Box | 26.2Kg | 12U | 600mm | 450mm | Grey | Each |
| 786070 | Wall Box | 26.2Kg | 12U | 600mm | 450mm | Black | Each |
| 778899 | Wall Box | 28.1Kg | 12U | 600mm | 500mm | Grey | Each |
| 785832 | Wall Box | 28.1Kg | 12U | 600mm | 500mm | Black | Each |
| 787459 | Wall Box | 28.1Kg | 12U | 600mm | 600mm | Black | Each |
| 792793 | Wall Box | 30.1Kg | 15U | 600mm | 450mm | Black | Each |
| 778900 | Wall Box | 32.4Kg | 15U | 600mm | 500mm | Grey | Each |
| 785833 | Wall Box | 32.4Kg | 15U | 600mm | 500mm | Black | Each |
| 787460 | Wall Box | 32.4Kg | 15U | 600mm | 600mm | Black | Each |
| 783198 | Wall Box | 36.4Kg | 18U | 600mm | 500mm | Black | Each |
| 787461 | Wall Box | 36.4Kg | 18U | 600mm | 600mm | Black | Each |
| 790243 | Wall Box | 37.4Kg | 21U | 600mm | 600mm | Black | Each |
| 778904 | Wall Box | 40.6Kg | 22U | 600mm | 500mm | Grey | Each |
| 783200 | Wall Box | 40.6Kg | 22U | 600mm | 500mm | Black | Each |

IP55 Wall Boxes

Designed for use in industrial applications, these 19" wall mounted cabinets, offer sealing to IP55. For deployment in open areas subjected to falling dirt and wind blown dust particles, rain, snow or splashing water

- Available in four heights (7U, 9U, 12U & 16U) and two depths (450mm & 600mm)
- Supplied with a lockable steel door
- IP55 rated
- Cable access panel on base with 2 x PG48 & 2 x PG21 plastic glands included, plus 2 x 28mm diameter blind caps
- Finished in light grey RAL7035
- Cooling vents are incorporated
- Fan modules can be used to implement forced ventilation
- Maximum loading: 100kg



| Item | Description | Material | IP Rating | Height | Width | Depth | Colour | UoM |
|--------|-------------|----------|-----------|--------|-------|-------|------------|------|
| 797651 | Wall Box | Steel | IP55 | 7U | 600mm | 450mm | Light Grey | Each |
| 797655 | Wall Box | Steel | IP55 | 7U | 600mm | 600mm | Light Grey | Each |
| 797652 | Wall Box | Steel | IP55 | 9U | 600mm | 450mm | Light Grey | Each |
| 797656 | Wall Box | Steel | IP55 | 9U | 600mm | 600mm | Light Grey | Each |
| 797653 | Wall Box | Steel | IP55 | 12U | 600mm | 450mm | Light Grey | Each |
| 797657 | Wall Box | Steel | IP55 | 12U | 600mm | 600mm | Light Grey | Each |
| 797654 | Wall Box | Steel | IP55 | 16U | 600mm | 450mm | Light Grey | Each |
| 797658 | Wall Box | Steel | IP55 | 16U | 600mm | 600mm | Light Grey | Each |

2 Section Wall Boxes

Two piece wall box supplied fully assembled

- Lockable toughened glass door with quick release hinges
- Door can be hinged left or right
- 4 fully adjustable 19" mounting rails
- Cable gland entry top and bottom
- Welded construction
- Removable side panels
- IP20
- Maximum static load: 60kg



| Item | Description | Sections | Weight | Height | Width | Depth | Colour | UoM |
|--------|-------------|-----------|--------|--------|-------|-------|--------|------|
| 779166 | Wall Box | 2 Section | 23.5Kg | 6U | 600mm | 600mm | Grey | Each |
| 794483 | Wall Box | 2 Section | 23.5Kg | 6U | 600mm | 600mm | Black | Each |
| 779167 | Wall Box | 2 Section | 27.2Kg | 9U | 600mm | 600mm | Grey | Each |
| 794484 | Wall Box | 2 Section | 27.2Kg | 9U | 600mm | 600mm | Black | Each |
| 779168 | Wall Box | 2 Section | 30Kg | 12U | 600mm | 600mm | Grey | Each |
| 794485 | Wall Box | 2 Section | 30Kg | 12U | 600mm | 600mm | Black | Each |
| 779169 | Wall Box | 2 Section | 34.4Kg | 15U | 600mm | 600mm | Grey | Each |
| 779170 | Wall Box | 2 Section | 38.5Kg | 18U | 600mm | 600mm | Grey | Each |

Wall Box Retrofit Fan

A set of low noise 120mm² fans designed to complement the Ultima range of wall boxes

- Double fan system
- Supplied with a pre-wired UK mains lead
- Fan units simply attach to the roof of the wall box
- Provide efficient and quiet air extraction



| Item | Description | Type | Rating | Height | Width | Depth | Colour | UoM |
|--------|-------------|---------------|---------|--------|-------|-------|--------|-----|
| 778912 | Fan Kit | Twin Retrofit | AC 240V | 120mm | 120mm | 38mm | Black | Set |

Low Profile Wall Boxes

- Low profile (reduced depth) data wall cabinets ideal for where space is limited
- Available in 150mm (Ultra low profile), 300mm and 400mm depths
- Ultra low profile version available in 6U only



811260 •
Low Profile



792337 •
Ultra Low Profile

| Item | Description | Weight | Height | Width | Depth | Colour | UoM |
|--------|------------------------------|--------|--------|-------|-------|--------|------|
| 811260 | Wall Box (Low Profile) | 10.5Kg | 4U | 600mm | 300mm | Black | Each |
| 811261 | Wall Box (Low Profile) | 12.5Kg | 4U | 600mm | 400mm | Black | Each |
| 792337 | Wall Box (Ultra Low Profile) | 9.5Kg | 6U | 600mm | 150mm | Black | Each |
| 811262 | Wall Box (Low Profile) | 12.5Kg | 6U | 600mm | 300mm | Black | Each |
| 811263 | Wall Box (Low Profile) | 16.5Kg | 6U | 600mm | 400mm | Black | Each |
| 811264 | Wall Box (Low Profile) | 16.5Kg | 9U | 600mm | 300mm | Black | Each |
| 811265 | Wall Box (Low Profile) | 17.5Kg | 9U | 600mm | 400mm | Black | Each |

Fibre Optic Cabling

Fibre optic cabling enables 10 Gigabit/sec data rates to be transmitted up to 550m on multimode fibre and several kilometres on singlemode fibre.

Singlemode or Multimode Fibre?

The decision to use multimode or singlemode fibre depends on a number of factors, including the amount of data to be transmitted, the distance over which it must run and the budget available.

Singlemode fibre is relatively cheap, however the cost of the active equipment on each end is significantly more expensive than that required for multimode fibre.

Ultima offers OM3 and OM4 multimode fibre and OS2 compliant singlemode fibre.

The type of connector used, ST, SC or LC, often depends on the type of connector on the active transmission equipment but the preference should be for LC which combines performance, ease of use and a small form factor that allows up to 96 fibres to be patched in just 1U of rack space.

To minimise optical power losses throughout the cabled infrastructure we recommend the use of pigtailed tails that are fusion spliced on to the fibre optic cable.

High Density Solution for data centres and high use environments

Ultima's MTP fibre solution provides a factory terminated, high density, easy to install cabling solution for data centres and other high use environments. Utilising the high performance MTP connector the trunk cables can be joined to breakout cables for direct connections or to a panel mounted cassette that offers a conventional patching facility. Up to three 48 fibre cassettes can be mounted in each panel, offering up to 144 fibres in 1U of rack space.



**Call for
Fibre
Cable
Options**

OM3 ST-ST Fibre Patch Leads



BEND
INSENSITIVE

Colour: Aqua

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 777064 | Fibre Patch Lead | Duplex | MM | ST-ST | OM3 | 50 | LSZH | 1Mtr | Each |
| 777065 | Fibre Patch Lead | Duplex | MM | ST-ST | OM3 | 50 | LSZH | 2Mtr | Each |
| 777066 | Fibre Patch Lead | Duplex | MM | ST-ST | OM3 | 50 | LSZH | 3Mtr | Each |
| 777067 | Fibre Patch Lead | Duplex | MM | ST-ST | OM3 | 50 | LSZH | 5Mtr | Each |
| 777068 | Fibre Patch Lead | Duplex | MM | ST-ST | OM3 | 50 | LSZH | 10Mtr | Each |

OS2 ST-ST Fibre Patch Leads



BEND
INSENSITIVE

Colour: Yellow

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 782192 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 1Mtr | Each |
| 782194 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 2Mtr | Each |
| 782195 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 3Mtr | Each |
| 782196 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 5Mtr | Each |
| 782193 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 10Mtr | Each |
| 782336 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 15Mtr | Each |
| 782278 | Fibre Patch Lead | Duplex | SM | ST-ST | OS2 | 9 | LSZH | 20Mtr | Each |

OM3 SC-SC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Aqua

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 777074 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 1Mtr | Each |
| 777075 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 2Mtr | Each |
| 777076 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 3Mtr | Each |
| 777077 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 5Mtr | Each |
| 800311 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 7Mtr | Each |
| 777078 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 10Mtr | Each |
| 782339 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 15Mtr | Each |
| 782338 | Fibre Patch Lead | Duplex | MM | SC-SC | OM3 | 50 | LSZH | 20Mtr | Each |

OM4 SC-SC Fibre Patch Leads

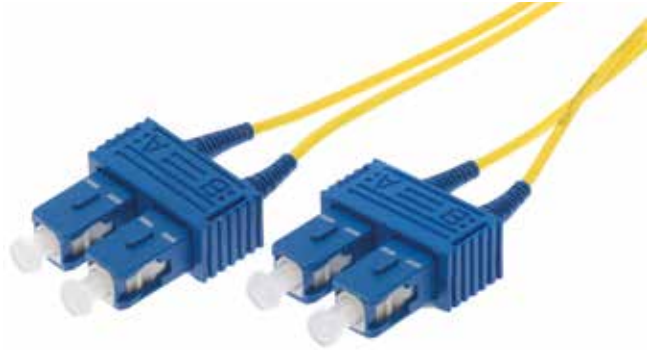


BEND
INSENSITIVE

Colour: Violet

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 796483 | Fibre Patch Lead | Duplex | MM | SC-SC | OM4 | 50 | LSZH | 1Mtr | Each |
| 798101 | Fibre Patch Lead | Duplex | MM | SC-SC | OM4 | 50 | LSZH | 2Mtr | Each |
| 791466 | Fibre Patch Lead | Duplex | MM | SC-SC | OM4 | 50 | LSZH | 3Mtr | Each |
| 804568 | Fibre Patch Lead | Duplex | MM | SC-SC | OM4 | 50 | LSZH | 5Mtr | Each |

OS2 SC-SC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Yellow

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 797918 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 0.5Mtr | Each |
| 779750 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 1Mtr | Each |
| 798497 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 1.5Mtr | Each |
| 779751 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 2Mtr | Each |
| 779752 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 3Mtr | Each |
| 779753 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 5Mtr | Each |
| 793757 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 7Mtr | Each |
| 779754 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 10Mtr | Each |
| 782202 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 15Mtr | Each |
| 782293 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 20Mtr | Each |
| 789641 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 25Mtr | Each |
| 789642 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 30Mtr | Each |
| 791871 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 35Mtr | Each |
| 800302 | Fibre Patch Lead | Duplex | SM | SC-SC | OS2 | 9 | LSZH | 40Mtr | Each |

OM3 LC-SC Fibre Patch Leads

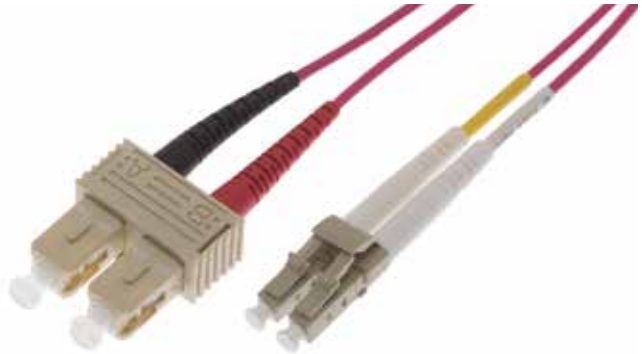


BEND
INSENSITIVE

Colour: Aqua

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 777084 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 1Mtr | Each |
| 777085 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 2Mtr | Each |
| 777086 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 3Mtr | Each |
| 777087 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 5Mtr | Each |
| 799732 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 7Mtr | Each |
| 777088 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 10Mtr | Each |
| 782297 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 15Mtr | Each |
| 782298 | Fibre Patch Lead | Duplex | MM | LC-SC | OM3 | 50 | LSZH | 20Mtr | Each |

OM4 LC-SC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Violet

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 787745 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 1Mtr | Each |
| 787746 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 2Mtr | Each |
| 787747 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 3Mtr | Each |
| 787748 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 5Mtr | Each |
| 787749 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 10Mtr | Each |
| 787750 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 15Mtr | Each |
| 787751 | Fibre Patch Lead | Duplex | MM | LC-SC | OM4 | 50 | LSZH | 20Mtr | Each |

OS2 LC-SC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Yellow

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 798426 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 0.5Mtr | Each |
| 779755 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 1Mtr | Each |
| 801026 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 1.5Mtr | Each |
| 779756 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 2Mtr | Each |
| 801027 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 2.5Mtr | Each |
| 779757 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 3Mtr | Each |
| 779758 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 5Mtr | Each |
| 800275 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 7Mtr | Each |
| 779759 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 10Mtr | Each |
| 800276 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 12Mtr | Each |
| 782302 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 15Mtr | Each |
| 782303 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 20Mtr | Each |
| 796845 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 25Mtr | Each |
| 800759 | Fibre Patch Lead | Duplex | SM | LC-SC | OS2 | 9 | LSZH | 30Mtr | Each |

OM3 LC-LC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Aqua

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 793641 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 0.5Mtr | Each |
| 777079 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 1Mtr | Each |
| 802364 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 1.5Mtr | Each |
| 777080 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 2Mtr | Each |
| 777081 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 3Mtr | Each |
| 777082 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 5Mtr | Each |
| 796820 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 7Mtr | Each |
| 777083 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 10Mtr | Each |
| 791727 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 12Mtr | Each |
| 782343 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 15Mtr | Each |
| 782342 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 20Mtr | Each |
| 789997 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 25Mtr | Each |
| 789136 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 30Mtr | Each |
| 791508 | Fibre Patch Lead | Duplex | MM | LC-LC | OM3 | 50 | LSZH | 50Mtr | Each |

OM4 LC-LC Fibre Patch Leads



BEND
INSENSITIVE

Colour: Violet

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 795810 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 0.5Mtr | Each |
| 787678 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 1Mtr | Each |
| 787760 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 2Mtr | Each |
| 795809 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 2.5Mtr | Each |
| 787761 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 3Mtr | Each |
| 787762 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 5Mtr | Each |
| 798058 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 7Mtr | Each |
| 787763 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 10Mtr | Each |
| 800862 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 12Mtr | Each |
| 787764 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 15Mtr | Each |
| 787765 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 20Mtr | Each |
| 797456 | Fibre Patch Lead | Duplex | MM | LC-LC | OM4 | 50 | LSZH | 25Mtr | Each |

OS2 LC-LC Fibre Patch Leads



Colour: Yellow

| Item | Description | Type | Mode | Connector | Standard | Core Size | Sheath | Length | UoM |
|--------|------------------|--------|------|-----------|----------|-----------|--------|--------|------|
| 800306 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 0.5Mtr | Each |
| 779745 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 1Mtr | Each |
| 791691 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 1.5Mtr | Each |
| 779746 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 2Mtr | Each |
| 801086 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 2.5Mtr | Each |
| 779747 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 3Mtr | Each |
| 779748 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 5Mtr | Each |
| 791707 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 6Mtr | Each |
| 791703 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 7Mtr | Each |
| 779749 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 10Mtr | Each |
| 791928 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 12Mtr | Each |
| 782341 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 15Mtr | Each |
| 782340 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 20Mtr | Each |
| 791927 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 25Mtr | Each |
| 797028 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 30Mtr | Each |
| 791926 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 35Mtr | Each |
| 801156 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 40Mtr | Each |
| 790035 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 45Mtr | Each |
| 798335 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 50Mtr | Each |
| 792514 | Fibre Patch Lead | Duplex | SM | LC-LC | OS2 | 9 | LSZH | 60Mtr | Each |

ST Fibre Patch Panels

- 19" 1U sliding drawer ST fibre patch panels
- Adjustable 19" mounting brackets
- Fibre management kit included
- 19mm and 25mm rear cable entry ports on left and right hand side
- Supplied loaded with adaptors
- Blanks fitted in any unused ports



| Item | Description | Size | Mode | Connector | Type | Style | Material | UoM |
|--------|-------------------|--------|------|-----------|-------------|----------------|----------|------|
| 775853 | Fibre Patch Panel | 4 Way | MM | ST | 4x Simplex | Sliding Drawer | Metal | Each |
| 782367 | Fibre Patch Panel | 4 Way | SM | ST | 4x Simplex | Sliding Drawer | Metal | Each |
| 775854 | Fibre Patch Panel | 8 Way | MM | ST | 8x Simplex | Sliding Drawer | Metal | Each |
| 782368 | Fibre Patch Panel | 8 Way | SM | ST | 8x Simplex | Sliding Drawer | Metal | Each |
| 775855 | Fibre Patch Panel | 12 Way | MM | ST | 12x Simplex | Sliding Drawer | Metal | Each |
| 782364 | Fibre Patch Panel | 12 Way | SM | ST | 12x Simplex | Sliding Drawer | Metal | Each |
| 775856 | Fibre Patch Panel | 16 Way | MM | ST | 16x Simplex | Sliding Drawer | Metal | Each |
| 782365 | Fibre Patch Panel | 16 Way | SM | ST | 16x Simplex | Sliding Drawer | Metal | Each |
| 775857 | Fibre Patch Panel | 24 Way | MM | ST | 24x Simplex | Sliding Drawer | Metal | Each |
| 782366 | Fibre Patch Panel | 24 Way | SM | ST | 24x Simplex | Sliding Drawer | Metal | Each |

SC Fibre Patch Panels

- 19" 1U sliding drawer SC fibre patch panels
- Adjustable 19" mounting brackets
- Fibre management kit included
- 19mm and 25mm rear cable entry ports on left and right hand side
- Supplied loaded with adaptors
- Blanks fitted in any unused ports



| Item | Description | Size | Mode | Connector | Type | Style | Material | UoM |
|--------|-------------------|--------|------|-----------|------------|----------------|----------|------|
| 775858 | Fibre Patch Panel | 4 Way | MM | SC | 2x Duplex | Sliding Drawer | Metal | Each |
| 782354 | Fibre Patch Panel | 4 Way | SM | SC | 2x Duplex | Sliding Drawer | Metal | Each |
| 775859 | Fibre Patch Panel | 8 Way | MM | SC | 4x Duplex | Sliding Drawer | Metal | Each |
| 782379 | Fibre Patch Panel | 8 Way | SM | SC | 4x Duplex | Sliding Drawer | Metal | Each |
| 775860 | Fibre Patch Panel | 12 Way | MM | SC | 6x Duplex | Sliding Drawer | Metal | Each |
| 782352 | Fibre Patch Panel | 12 Way | SM | SC | 6x Duplex | Sliding Drawer | Metal | Each |
| 775861 | Fibre Patch Panel | 16 Way | MM | SC | 8x Duplex | Sliding Drawer | Metal | Each |
| 782353 | Fibre Patch Panel | 16 Way | SM | SC | 8x Duplex | Sliding Drawer | Metal | Each |
| 775862 | Fibre Patch Panel | 24 Way | MM | SC | 12x Duplex | Sliding Drawer | Metal | Each |
| 777355 | Fibre Patch Panel | 24 Way | SM | SC | 12x Duplex | Sliding Drawer | Metal | Each |
| 792175 | Fibre Patch Panel | 48 Way | SM | SC | 24x Duplex | Sliding Drawer | Metal | Each |
| 782361 | Fibre Patch Panel | 48 Way | MM | SC | 24x Duplex | Sliding Drawer | Metal | Each |

LC Fibre Patch Panels



- 19" 1U sliding drawer LC fibre patch panels
- Adjustable 19" mounting brackets
- Fibre management kit included
- 19mm and 25mm rear cable entry ports on left and right hand side
- Supplied loaded with adaptors
- Blanks fitted in any unused ports



| Item | Description | Size | Mode | Connector | Type | Style | Material | UoM |
|--------|-------------------|--------|------|-----------|------------|----------------|----------|------|
| 776707 | Fibre Patch Panel | 4 Way | MM | LC | 2x Duplex | Sliding Drawer | Metal | Each |
| 791839 | Fibre Patch Panel | 4 Way | SM | LC | 2x Duplex | Sliding Drawer | Metal | Each |
| 776708 | Fibre Patch Panel | 8 Way | MM | LC | 4x Duplex | Sliding Drawer | Metal | Each |
| 782372 | Fibre Patch Panel | 8 Way | SM | LC | 4x Duplex | Sliding Drawer | Metal | Each |
| 776709 | Fibre Patch Panel | 12 Way | MM | LC | 6x Duplex | Sliding Drawer | Metal | Each |
| 782370 | Fibre Patch Panel | 12 Way | SM | LC | 6x Duplex | Sliding Drawer | Metal | Each |
| 777568 | Fibre Patch Panel | 16 Way | MM | LC | 8x Duplex | Sliding Drawer | Metal | Each |
| 782371 | Fibre Patch Panel | 16 Way | SM | LC | 8x Duplex | Sliding Drawer | Metal | Each |
| 776710 | Fibre Patch Panel | 24 Way | MM | LC | 12x Duplex | Sliding Drawer | Metal | Each |
| 776715 | Fibre Patch Panel | 24 Way | SM | LC | 12x Duplex | Sliding Drawer | Metal | Each |
| 776711 | Fibre Patch Panel | 48 Way | MM | LC | 24x Duplex | Sliding Drawer | Metal | Each |
| 776716 | Fibre Patch Panel | 48 Way | SM | LC | 24x Duplex | Sliding Drawer | Metal | Each |
| 794469 | Fibre Patch Panel | 96 Way | MM | LC | 24x Quad | Sliding Drawer | Metal | Each |
| 798410 | Fibre Patch Panel | 96 Way | SM | LC | 24x Quad | Sliding Drawer | Metal | Each |

OM3 Fibre Pigtails ST



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 777123 | Fibre Pigtail | Tight Buffered | MM | ST | OM3 | 50 | Aqua | 1Mtr | Each |
| 786072 | Fibre Pigtail | Tight Buffered | MM | ST | OM3 | 50 | Violet | 1Mtr | Each |
| 800280 | Fibre Pigtail | Tight Buffered | MM | ST | OM3 | 50 | White | 1.5Mtr | Each |

OM4 Fibre Pigtail ST



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 797793 | Fibre Pigtail | Tight Buffered | MM | ST | OM4 | 50 | Aqua | 1Mtr | Each |

OS2 Fibre Pigtail ST



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 772886 | Fibre Pigtail | Tight Buffered | SM | ST | OS2 | 9 | Yellow | 1Mtr | Each |

OM3 Fibre Pigtaills SC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 777122 | Fibre Pigtail | Tight Buffered | MM | SC | OM3 | 50 | Aqua | 1Mtr | Each |
| 782386 | Fibre Pigtail | Tight Buffered | MM | SC | OM3 | 50 | Violet | 1Mtr | Each |
| 794941 | Fibre Pigtail | Tight Buffered | MM | SC | OM3 | 50 | Aqua | 1.5Mtr | Each |

OM4 Fibre Pigtaills SC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 802022 | Fibre Pigtail | Tight Buffered | MM | SC | OM4 | 50 | Aqua | 1Mtr | Each |
| 791759 | Fibre Pigtail | Tight Buffered | MM | SC | OM4 | 50 | Violet | 1Mtr | Each |

OS2 Fibre Pigtaills SC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 772887 | Fibre Pigtail | Tight Buffered | SM | SC | OS2 | 9 | White | 1Mtr | Each |
| 789941 | Fibre Pigtail | Tight Buffered | SM | SC | OS2 | 9 | Yellow | 1Mtr | Each |
| 794778 | Fibre Pigtail | Tight Buffered | SM | SC | OS2 | 9 | Yellow | 1.5Mtr | Each |
| 798610 | Fibre Pigtail | Tight Buffered | SM | SC | OS2 | 9 | White | 2Mtr | Each |

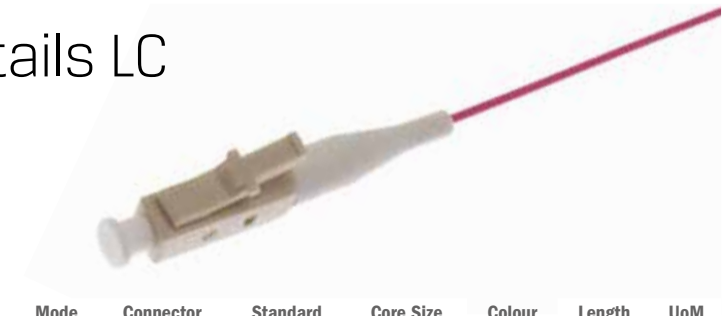
OM3 Fibre Pigtaills LC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 799831 | Fibre Pigtail | Tight Buffered | MM | LC | OM3 | 50 | Aqua | 1Mtr | Each |
| 777124 | Fibre Pigtail | Tight Buffered | MM | LC | OM3 | 50 | Violet | 1Mtr | Each |
| 794942 | Fibre Pigtail | Tight Buffered | MM | LC | OM3 | 50 | Aqua | 1.5Mtr | Each |
| 782387 | Fibre Pigtail | Tight Buffered | MM | LC | OM3 | 50 | Aqua | 2Mtr | Each |

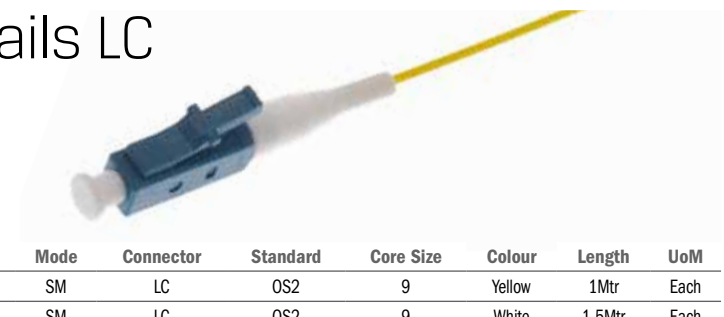
OM4 Fibre Pigtaills LC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 787766 | Fibre Pigtail | Tight Buffered | MM | LC | OM4 | 50 | Violet | 1Mtr | Each |
| 797293 | Fibre Pigtail | Tight Buffered | MM | LC | OM4 | 50 | White | 1.5Mtr | Each |

OS2 Fibre Pigtaills LC



BEND
INSENSITIVE

| Item | Description | Type | Mode | Connector | Standard | Core Size | Colour | Length | UoM |
|--------|---------------|----------------|------|-----------|----------|-----------|--------|--------|------|
| 775572 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Yellow | 1Mtr | Each |
| 800272 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | White | 1.5Mtr | Each |
| 794777 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Yellow | 1.5Mtr | Each |
| 819050 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Yellow | 2Mtr | Each |
| 819047 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Blue | 2Mtr | Each |
| 819048 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Green | 2Mtr | Each |
| 819049 | Fibre Pigtail | Tight Buffered | SM | LC | OS2 | 9 | Red | 2Mtr | Each |

Angled Euro Fibre Adaptor Modules

Euro modules for Fibre To The Desk (FTTD) applications

- Fit into all Ultima Euro faceplates
- Angled design helps manage fibre bend radius
- Multimode and singlemode options
- Protected labelling facility



| Item | Description | Type | Mode | Connector | Construction | UoM |
|--------|--------------|---------|------|-----------|--------------|------|
| 802412 | Fibre Module | Simplex | MM | ST | Euro Angled | Each |
| 802413 | Fibre Module | Simplex | SM | ST | Euro Angled | Each |
| 802410 | Fibre Module | Simplex | MM | SC | Euro Angled | Each |
| 802411 | Fibre Module | Simplex | SM | SC | Euro Angled | Each |
| 802407 | Fibre Module | Duplex | MM | LC | Euro Angled | Each |
| 802408 | Fibre Module | Duplex | SM | LC | Euro Angled | Each |

Fibre Wall Outlet

Used to terminate fibre cable straight to the work station in Fibre To The Desk (FTTD) applications

- Suitable for use with SC Simplex or LC Duplex adaptors (to be ordered separately)
- Integrated cable management
- Supplied with screws and wall plugs for wall mounting
- Supplied with 2 splice protectors, cable protecting tube, cable ties and port blanks (built into case moulding)
- Designed to fit a single gang UK back box (screws not supplied)



| Item | Description | Height | Width | Depth | Colour | UoM |
|--------|------------------------|--------|-------|-------|--------|------|
| 795381 | FTTD Fibre Wall Outlet | 86mm | 86mm | 26mm | White | Each |

**EASY
ORDERING**



IP65 Fibre Termination Boxes



Compact IP65 closure for the distribution and termination of fibre optic cables

- Accommodates SC Simplex or LC Duplex connectors (to be ordered separately)
- Up to 4 fibres on SC Simplex or up to 8 fibres on LC Duplex
- Ideal for use where there is no facility to mount a 19" patch panel
- Suitable for internal or external applications and can be pole mounted
- Spare loops of pigtails and drop cables can be managed in the hinged slice tray
- Manufactured from anti-ageing materials, with ultra violet stable characteristics
- Pressed rubber/silicon strip weatherproof seal
- Anti-tamper lid closure
- Operating temperature -20°C to +70°C

| Item | Description | Capacity | IP Rating | Height | Width | Depth |
|--------|-----------------------|----------------|-----------|--------|-------|-------|
| 806639 | Fibre Termination Box | Up to 4 Fibres | IP65 | 167mm | 102mm | 31mm |
| 793665 | Fibre Termination Box | Up to 8 Fibres | IP65 | 186mm | 114mm | 40mm |

Splice Protectors



Used to protect fusion spliced joints

- Heat shrink polymer tube with rigid stainless steel bar

| Item | Description | Diameter | Colour | Length | UoM |
|--------|------------------|----------|--------|--------|------------|
| 997194 | Splice Protector | 2.4mm | Clear | 35mm | Pack Of 50 |
| 997205 | Splice Protector | 2.4mm | Clear | 45mm | Pack Of 50 |
| 997230 | Splice Protector | 2.4mm | Grey | 60mm | Pack Of 50 |
| 997227 | Splice Protector | 2.5mm | Brown | 60mm | Pack Of 50 |
| 997228 | Splice Protector | 2.5mm | Orange | 60mm | Pack Of 50 |
| 997229 | Splice Protector | 2.5mm | Violet | 60mm | Pack Of 50 |
| 997211 | Splice Protector | 2.4mm | Clear | 61mm | Pack Of 50 |
| 997209 | Splice Protector | 3.2mm | Clear | 61mm | Pack Of 50 |

Splice Holders

Used to secure splice protectors

- Ideal for use in patch panels or enclosures
- Provide high packing density
- 24-way holders have lid and splice designation label
- Supplied with self-adhesive tape or can be mounted using integral screw holes

• 998372



998371 •



• 802562

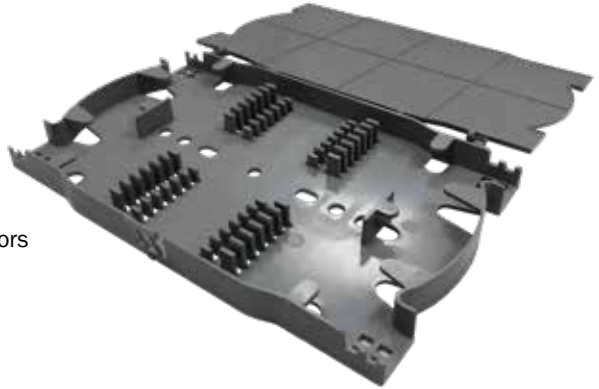


| Item | Description | Colour | UoM |
|--------|------------------------------------|--------|------|
| 998372 | 4 Way Splice Holder Self-Adhesive | Grey | Each |
| 998371 | 24 Way Splice Holder Self-Adhesive | Grey | Each |
| 802562 | 24 Way Splice Holder Self-Adhesive | Black | Each |

Fibre Splice Tray

Stackable splice cassettes suitable for patch panels, wall boxes and enclosures

- Can be used to hold up to 24x 60mm splice protectors, or up to 12x 40mm splice protectors
- Integral fibre management
- Supplied with lid to protect fibres

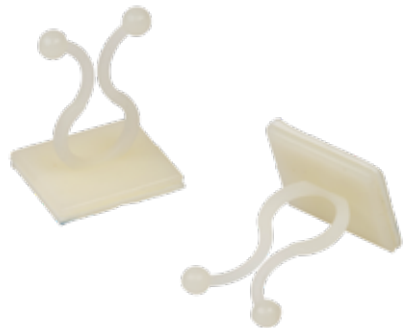


| Item | Description | Fibres | UoM |
|--------|-------------------|--------|------|
| 782401 | Fibre Splice Tray | 12/24F | Each |

Twistlock Fixing Cable Clips

Bunny clips used to secure and route fibre cables in patch panels or enclosures

- Self-adhesive fixing
- Fibre held in position by twisting the ears together
- Can be repeatedly opened and closed so fibres can be added or removed
- Rounded edges prevent damage to the fibres
- Colour: White



| Item | Description | Size | Material | Type | UoM |
|--------|-----------------------------|-----------|----------|---------------|------|
| 797338 | Twistlock Fixing Cable Clip | 5mm-10mm | Plastic | Self-Adhesive | Each |
| 998652 | Twistlock Fixing Cable Clip | 10mm-15mm | Plastic | Self-Adhesive | Each |
| 998653 | Twistlock Fixing Cable Clip | 15mm-20mm | Plastic | Self-Adhesive | Each |

MTP Trunk Cable Assembly OM3

- Other lengths available
- Colour: Aqua



| Item | Description | Connector | Fibres | Mode | Standard | Core Size | Sheath | Length | UoM |
|--------|-------------------|-----------|--------|------|----------|-----------|--------|--------|------|
| 798175 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM3 | 50 | LSZH | 10Mtr | Each |
| 798176 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM3 | 50 | LSZH | 15Mtr | Each |
| 798177 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM3 | 50 | LSZH | 20Mtr | Each |
| 803327 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM3 | 50 | LSZH | 10Mtr | Each |
| 803328 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM3 | 50 | LSZH | 15Mtr | Each |
| 803329 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM3 | 50 | LSZH | 20Mtr | Each |

MTP Trunk Cable Assembly OM4

- Other lengths available
- Colour: Aqua



| Item | Description | Connector | Fibres | Mode | Standard | Core Size | Sheath | Length | UoM |
|--------|-------------------|-----------|--------|------|----------|-----------|--------|--------|------|
| 798213 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM4 | 50 | LSZH | 10Mtr | Each |
| 798214 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM4 | 50 | LSZH | 15Mtr | Each |
| 798215 | Fibre Trunk Cable | MTP-MTP | 12F | MM | OM4 | 50 | LSZH | 20Mtr | Each |
| 803330 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM4 | 50 | LSZH | 10Mtr | Each |
| 803331 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM4 | 50 | LSZH | 15Mtr | Each |
| 803332 | Fibre Trunk Cable | MTP-MTP | 24F | MM | OM4 | 50 | LSZH | 20Mtr | Each |

MTP Trunk Cable Assembly OS2

- Other lengths available
- Colour: Yellow



| Item | Description | Connector | Fibres | Mode | Standard | Core Size | Sheath | Length | UoM |
|--------|-------------------|-----------|--------|------|----------|-----------|--------|--------|------|
| 798223 | Fibre Trunk Cable | MTP-MTP | 12F | SM | OS2 | 9 | LSZH | 10Mtr | Each |
| 798224 | Fibre Trunk Cable | MTP-MTP | 12F | SM | OS2 | 9 | LSZH | 15Mtr | Each |
| 798225 | Fibre Trunk Cable | MTP-MTP | 12F | SM | OS2 | 9 | LSZH | 20Mtr | Each |
| 803333 | Fibre Trunk Cable | MTP-MTP | 24F | SM | OS2 | 9 | LSZH | 10Mtr | Each |
| 803334 | Fibre Trunk Cable | MTP-MTP | 24F | SM | OS2 | 9 | LSZH | 15Mtr | Each |
| 803335 | Fibre Trunk Cable | MTP-MTP | 24F | SM | OS2 | 9 | LSZH | 20Mtr | Each |

MTP Fan Out Cable With LC Tails

- MTP cables with LC terminated fan out
 - Used to directly interconnect MTP trunk cables with active equipment, saving rack space
 - Easy deployment - factory terminated system saving installation and network configuration time
 - Available in OM3, OM4 and OS2 variants
 - 12 fibre and 24 fibre options
 - Other lengths available



| Item | Description | Connector | Fibres | Mode | Standard | Core Size | Sheath | Colour | Length | UoM |
|--------|-------------------|----------------|--------|------|----------|-----------|--------|--------|--------|------|
| 798178 | Fibre Trunk Cable | MTP-LC Fan Out | 12F | MM | OM3 | 50 | LSZH | Aqua | 2Mtr | Each |
| 803336 | Fibre Trunk Cable | MTP-LC Fan Out | 24F | MM | OM3 | 50 | LSZH | Aqua | 2Mtr | Each |
| 798216 | Fibre Trunk Cable | MTP-LC Fan Out | 12F | MM | OM4 | 50 | LSZH | Aqua | 2Mtr | Each |
| 803337 | Fibre Trunk Cable | MTP-LC Fan Out | 24F | MM | OM4 | 50 | LSZH | Aqua | 2Mtr | Each |
| 798226 | Fibre Trunk Cable | MTP-LC Fan Out | 12F | SM | OS2 | 9 | LSZH | Yellow | 2Mtr | Each |
| 803338 | Fibre Trunk Cable | MTP-LC Fan Out | 24F | SM | OS2 | 9 | LSZH | Yellow | 2Mtr | Each |

OM3 MTP Cassettes

MTP to LC pre-terminated cassettes

- Pre-terminated cassettes with MTP trunk connections at the rear
- Easy installation, moves, adds and changes
- LC quad adaptors offer up to 48 fibre capacity
- Compatible with Ultima MTP 1U 3 cassette chassis (on page 97)
- Cassettes are assembled using 12 fibre MTP connectors



| Item | Description | Way | Connection | Termination | Adaptor | Standard | Mode | UoM |
|--------|-----------------|-----|------------|-------------|---------|----------|------|------|
| 803339 | Cassette Module | 12F | 1x MTP | 3x LC | Quad | OM3 | MM | Each |
| 803341 | Cassette Module | 24F | 2x MTP | 6x LC | Quad | OM3 | MM | Each |
| 803344 | Cassette Module | 48F | 4x MTP | 12x LC | Quad | OM3 | MM | Each |

OM4 MTP Cassettes

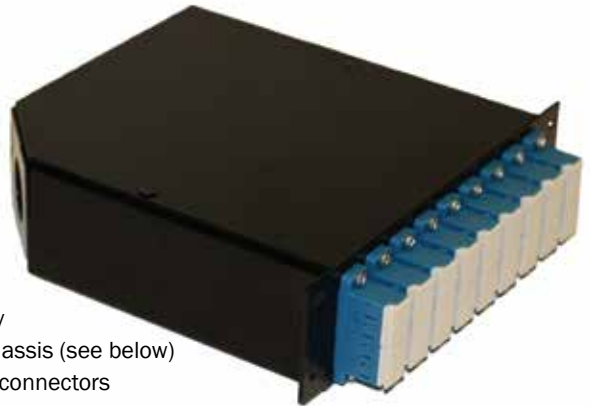
MTP to LC pre-terminated cassettes

- Pre-terminated cassettes with MTP trunk connections at the rear
- Easy installation, moves, adds and changes
- LC quad adaptors offer up to 48 fibre capacity
- Compatible with Ultima MTP 1U 3 cassette chassis (on page 97)
- MTP chassis panel accepts up to 3 cassettes achieving up to 144 fibre connections on 1U
- Cassettes are assembled using 12 fibre MTP connectors



| Item | Description | Way | Connection | Termination | Adaptor | Standard | Mode | UoM |
|--------|-----------------|-----|------------|-------------|---------|----------|------|------|
| 803345 | Cassette Module | 12F | 1x MTP | 3x LC | Quad | OM4 | MM | Each |
| 803347 | Cassette Module | 24F | 2x MTP | 6x LC | Quad | OM4 | MM | Each |
| 803348 | Cassette Module | 48F | 4x MTP | 12x LC | Quad | OM4 | MM | Each |

OS2 MTP Cassettes



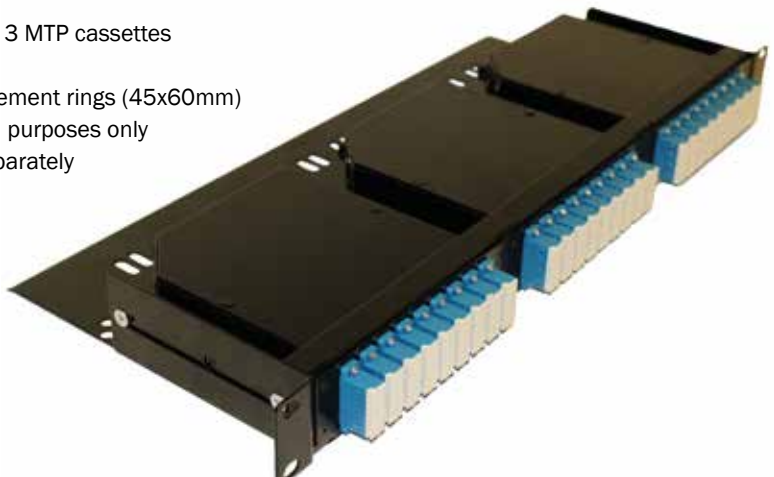
- MTP to LC pre-terminated cassettes
 - Pre-terminated cassettes with MTP trunk connections at the rear
 - Easy installation, moves, adds and changes
 - LC quad adaptors offer up to 48 fibre capacity
 - Compatible with Ultima MTP 1U 3 cassette chassis (see below)
 - Cassettes are assembled using 12 fibre MTP connectors



| Item | Description | Way | Connection | Termination | Adaptor | Standard | Mode | UoM |
|--------|-----------------|-----|------------|-------------|---------|----------|------|------|
| 803349 | Cassette Module | 12F | 1x MTP | 3x LC | Quad | OS2 | SM | Each |
| 803350 | Cassette Module | 24F | 2x MTP | 6x LC | Quad | OS2 | SM | Each |
| 803351 | Cassette Module | 48F | 4x MTP | 12x LC | Quad | OS2 | SM | Each |

MTP Patch Panel

- 1U 19" for MTP cassettes
 - Can accommodate up to 3 MTP cassettes
 - Up to 144 fibres in 1U
 - Attachable cable management rings (45x60mm)
 - Image for representation purposes only
 - Cassettes purchased separately



| Item | Description | Connection | Socket | Type | Height | Width | Colour | UoM |
|--------|-----------------|------------|--------|-------|--------|-------|--------|------|
| 803297 | MTP Patch Panel | MTP | 3 Slot | Empty | 1U | 19" | Black | Each |



Voice Cabling

Many cabling infrastructures still require a dedicated voice cabling solution to support legacy analogue or digital telephone systems, fax machines and various other equipment.

Ultima offers high quality, high performance voice cable and components that ensure quality of service and extended lifespans.

A range of tailed adaptors are available that enable legacy telephone equipment to be connected to structured cabling systems.

CW1308 PVC Internal Cable on Reel

Standard cable for internal voice applications

- PVC sheath internal cable
- 0.5mm copper conductor
- Designed for use on IDC terminations
- Euroclass Eca compliant



| Item | Description | Pairs | Type | Sheath | Int/Ext | Colour | UoM |
|--------|-------------|--------|--------|--------|---------|--------|----------------|
| 770636 | Voice Cable | 3 Pair | CW1308 | PVC | Int | White | Reel Of 100Mtr |
| 993287 | Voice Cable | 3 Pair | CW1308 | PVC | Int | White | Reel Of 200Mtr |
| 993275 | Voice Cable | 3 Pair | CW1308 | PVC | Int | Black | Reel Of 200Mtr |
| 770638 | Voice Cable | 4 Pair | CW1308 | PVC | Int | White | Reel Of 100Mtr |
| 992919 | Voice Cable | 4 Pair | CW1308 | PVC | Int | White | Reel Of 200Mtr |
| 770640 | Voice Cable | 4 Pair | CW1308 | PVC | Int | Black | Reel Of 200Mtr |
| 770641 | Voice Cable | 6 Pair | CW1308 | PVC | Int | White | Reel Of 100Mtr |
| 992757 | Voice Cable | 6 Pair | CW1308 | PVC | Int | White | Reel Of 200Mtr |
| 770643 | Voice Cable | 6 Pair | CW1308 | PVC | Int | Black | Reel Of 200Mtr |

CW1308 LSZH Internal Cable Per Metre

Standard cable for internal voice applications

- LSZH sheath internal cable
- Includes 1.38mm solid copper earth wire
- 0.5mm copper conductor communication cables
- Euroclass Eca compliant



| Item | Description | Pairs | Type | Sheath | Int/Ext | Colour | UoM |
|--------|-------------|-------------|--------|--------|---------|--------|-----|
| 775923 | Voice Cable | 10 Pair +E | CW1308 | LSZH | Int | White | Mtr |
| 775925 | Voice Cable | 20 Pair +E | CW1308 | LSZH | Int | White | Mtr |
| 790076 | Voice Cable | 25 Pair +E | CW1308 | LSZH | Int | White | Mtr |
| 775922 | Voice Cable | 50 Pair +E | CW1308 | LSZH | Int | White | Mtr |
| 771748 | Voice Cable | 100 Pair +E | CW1308 | LSZH | Int | White | Mtr |

CW1308B Internal/External Cables

CW1308 style cable suitable for internal and external installations, removing the need to join cables at the point of entry into buildings

- Suitable for internal or external use
- LSZH sheath
- Metallic moisture barrier
- 1.38mm insulated solid copper earth wire
- Euroclass Eca compliant

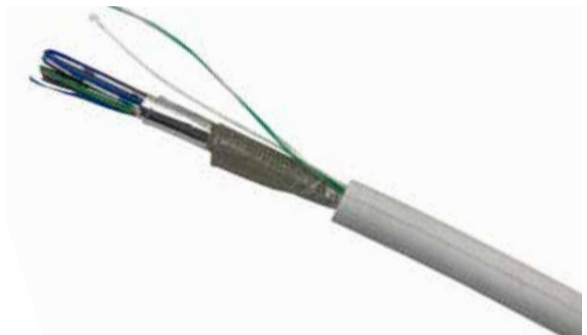


| Item | Description | Pairs | Type | Sheath | Int/Ext | Colour | UoM |
|--------|-------------|-------------|---------|--------|---------|--------|-----|
| 771712 | Voice Cable | 10 Pair +E | CW1308B | LSZH | Int/Ext | Black | Mtr |
| 775924 | Voice Cable | 20 Pair +E | CW1308B | LSZH | Int/Ext | Black | Mtr |
| 770451 | Voice Cable | 50 Pair +E | CW1308B | LSZH | Int/Ext | Black | Mtr |
| 770452 | Voice Cable | 100 Pair +E | CW1308B | LSZH | Int/Ext | Black | Mtr |

CW1600 Euroclass Cca Voice Cables

Limited fire hazard internal telephone cables compliant with BT CW1600 specification

- CRP Euroclass Cca compliant
- Designed for voice applications
- Intended for IDC termination
- 0.5mm conductor
- PACW/PE insulation
- LSZH sheath
- Aluminised polyester tape screen



| Item | Description | Pairs | Type | Sheath | Int/Ext | Colour | UoM |
|--------|-------------|----------|----------|--------|---------|--------|-----|
| 810101 | Voice Cable | 10 Pair | Screened | LSZH | Int | White | Mtr |
| 795605 | Voice Cable | 20 Pair | Screened | LSZH | Int | White | Mtr |
| 810102 | Voice Cable | 50 Pair | Screened | LSZH | Int | White | Mtr |
| 814945 | Voice Cable | 100 Pair | Screened | LSZH | Int | White | Mtr |

Jumper Wire



• 770404



• 770414



• 770405

Used for the jumpering of services terminated on IDC blocks. CW1321 replaces CW1317 following the rationalisation of the colour codes

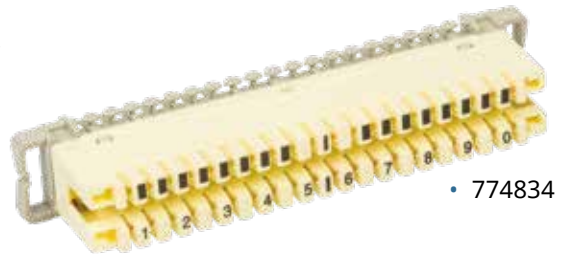
- Suitable for use with all IDC terminations
- 0.50mm solid copper conductors
- PVC insulation
- Meets the requirements of IEC 60189-1

| Item | Description | Pairs | Type | Colour | UoM |
|--------|-------------|--------|--------|--------------|----------------|
| 770414 | Jumper Wire | 1 Pair | CW1321 | Blue/Yellow | Reel Of 400Mtr |
| 770400 | Jumper Wire | 1 Pair | CW1321 | Blue/Yellow | Reel Of 500Mtr |
| 770404 | Jumper Wire | 1 Pair | CW1321 | Red/White | Reel Of 500Mtr |
| 770405 | Jumper Wire | 1 Pair | CW1321 | Orange/White | Reel Of 500Mtr |

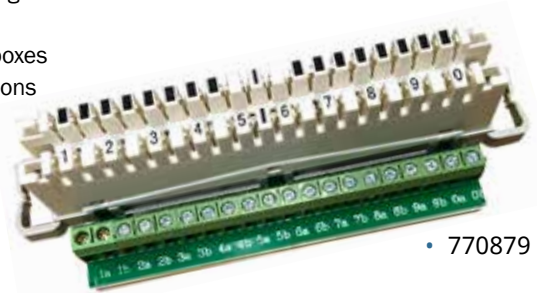
Disconnection Strips 237A

Used to joint up to 10 pairs of cable with full disconnection facility

- Disconnection contacts enable use of over-voltage protection and 'look both ways' testing
- Can be mounted in sub racks and connection boxes
- IDC to screw terminal module enables connections to larger diameter conductors



• 774834



• 770879

| Item | Description | Pairs | Type | Termination | Colour | UoM |
|--------|---------------------|---------|------|-------------|--------|------|
| 774834 | Disconnection Strip | 10 Pair | 237A | IDC | Cream | Each |
| 783207 | Disconnection Strip | 10 Pair | 237A | IDC | Blue | Each |
| 783208 | Disconnection Strip | 10 Pair | 237A | IDC | Green | Each |
| 770879 | Disconnection Strip | 10 Pair | 237A | IDC-Screw | White | Each |

Connection Strips

Termination strips without disconnection contacts

- Fully compatible with industry standard backmount frames, insertion tools, connection boxes, designation strips and other accessories
- UK OFTEL approved
- High specification silver plated contacts maintain electrical performance after multiple insertions
- Industry standard LSA+ type contacts



| Item | Description | Pairs | Type | Colour | UoM |
|--------|-----------------------|---------|-------|--------|------|
| 805515 | Connection Strip 237B | 10 Pair | Strip | White | Each |
| 770873 | Connection Strip 237C | 20 Pair | Strip | Grey | Each |

Earthing Strips



• 992656



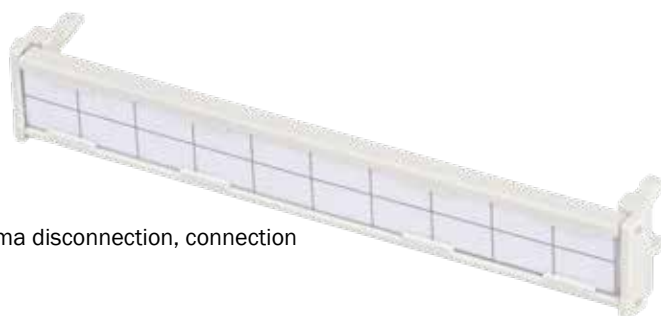
• 770875

Strips for the commoning of multiple earth wires to a single earth terminal

- Mount on standard 237-style 10pr backmount frames
- All of the contacts in each module are connected to a 150mm lead with terminal ring

| Item | Description | Pairs | Colour | UoM |
|--------|---------------------|---------|--------|------|
| 992656 | Earthing Strip 237D | 76 Wire | Red | Each |
| 770875 | Earthing Strip 237E | 20 Wire | Red | Each |

Designation Strips 51A



Hinged label holder for use on Ultima disconnection, connection and earthing strips

- Locates on the top of the strip
- A clear plastic cover protects labels
- Writing surface on both sides on the hinged flap
- Hinged design gives access to jumper wires and allows circuit testing without removing the label holder

| Item | Description | Type | Colour | UoM |
|--------|--------------|------|--------|------|
| 774836 | Label Holder | 51A | Grey | Each |

Internal Box Connection 201D

- Low profile box connection complete with disconnection strips
- Supplied fitted with 2 x 10 pair disconnection strips
- Screw fixing lid with cable entry knock outs
- Supplied fitted with 10 way IDC to screw terminal earth strip
- Integral wire management
- Will not accept over-voltage protection magazines



| Item | Description | Location | Pairs | Type | Height | Width | Depth | UoM |
|--------|----------------|----------|---------|------------|--------|-------|-------|------|
| 774835 | Box Connection | Internal | 20 Pair | 201D Style | 170mm | 120mm | 55mm | Each |

Internal Box Connection 251A

- 50 pair box connection
- Designed to accept any 237 style modules (sold separately)
- Lid has turnbuckle fixings and removable side panels
- Base is fitted with a 4 way screw terminal earth post and four cable management jumper rings
- Will not accept over-voltage protection magazines



| Item | Description | Location | Pairs | Type | Height | Width | Depth | UoM |
|--------|----------------|----------|---------|------------|--------|-------|-------|------|
| 770705 | Box Connection | Internal | 50 Pair | 251A Style | 210mm | 160mm | 90mm | Each |

Internal Box Connection 301A

- 100 pair box connection
- Designed to accept any 237 style modules
- Lid has turnbuckle fixings and removable side panels
- Base is fitted with a 4 way screw terminal earth post and four cable management jumper rings
- Suitable for mounting over-voltage protection magazines



| Item | Description | Location | Pairs | Type | Height | Width | Depth | UoM |
|--------|----------------|----------|----------|------------|--------|-------|-------|------|
| 770744 | Box Connection | Internal | 100 Pair | 301A Style | 320mm | 210mm | 120mm | Each |

Internal Box Connections 500 – Small

Lockable, metal connection boxes

- Manufactured from high grade, lightweight steel
- Doors are removable and can be hinged left or right
- Lockable using a key fastening
- Removable cable access panels top and bottom
- Integral cable management and earthing facility
- Backmount frame included

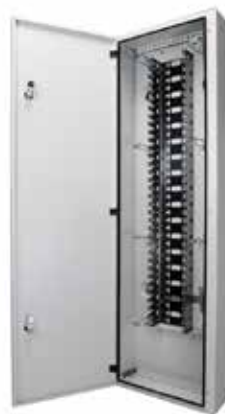


| Item | Description | Location | Pairs | Style | Size | Material | Height | Width | Depth | UoM |
|--------|----------------|----------|----------|------------|-------|----------|--------|-------|-------|------|
| 770749 | Box Connection | Internal | 100 Pair | 501A Style | Small | Metal | 350mm | 240mm | 110mm | Each |
| 770750 | Box Connection | Internal | 200 Pair | 502 Style | Small | Metal | 700mm | 240mm | 110mm | Each |
| 770752 | Box Connection | Internal | 400 Pair | 504 Style | Small | Metal | 700mm | 420mm | 110mm | Each |

Internal Box Connections 500 – Large

High capacity rugged metal box connections

- Doors are removable and can be hinged left or right
- Removable cable access panels top and bottom
- Integral cable management and earthing facility
- Backmount frame included



| Item | Description | Location | Pairs | Style | Size | Material | Height | Width | Depth | UoM |
|--------|----------------|----------|-----------|-----------|-------|----------|--------|-------|-------|------|
| 770753 | Box Connection | Internal | 340 Pair | 510 Style | Large | Metal | 1000mm | 300mm | 150mm | Each |
| 990649 | Box Connection | Internal | 680 Pair | 520 Style | Large | Metal | 1000mm | 500mm | 150mm | Each |
| 990604 | Box Connection | Internal | 1020 Pair | 530 Style | Large | Metal | 1000mm | 750mm | 150mm | Each |
| 992608 | Box Connection | Internal | 1360 Pair | 540 Style | Large | Metal | 1000mm | 925mm | 150mm | Each |

IP65 Weatherproof Box



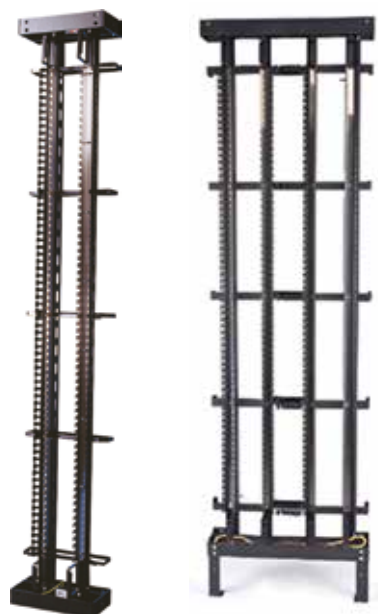
A highly durable weatherproof enclosure designed to extend voice and data communications systems into damp, industrial or external environments

- Manufactured in durable polycarbonate
- IP65 rated
- Accepts 50mm x 25mm Euro data or voice modules (angled modules recommended)
- Padlock securing facility

| Item | Description | Type | IP Rating | Accessories | Height | Width | Depth | Colour | UoM |
|--------|------------------|------------|-----------|-------------|--------|-------|-------|--------|------|
| 821473 | Weatherproof Box | Euro 50x50 | IP65 | Unloaded | 152mm | 101mm | 83mm | Grey | Each |

Distribution Frames 108A

- Lightweight, modular frames
 - Capacity for 690 or 1380 pairs
 - Frames can be mounted side by side, back to back, wall mounted or free standing
 - Good cable and jumper management



| Item | Description | Type | Pairs | Verts | Height | Width | Depth | UoM |
|--------|--------------------|------|-----------|-----------------|--------|-------|-------|------|
| 770780 | Distribution Frame | 108A | 690 Pair | Single Vertical | 2006mm | 285mm | 150mm | Each |
| 770777 | Distribution Frame | 108A | 1380 Pair | Double Vertical | 2006mm | 570mm | 150mm | Each |

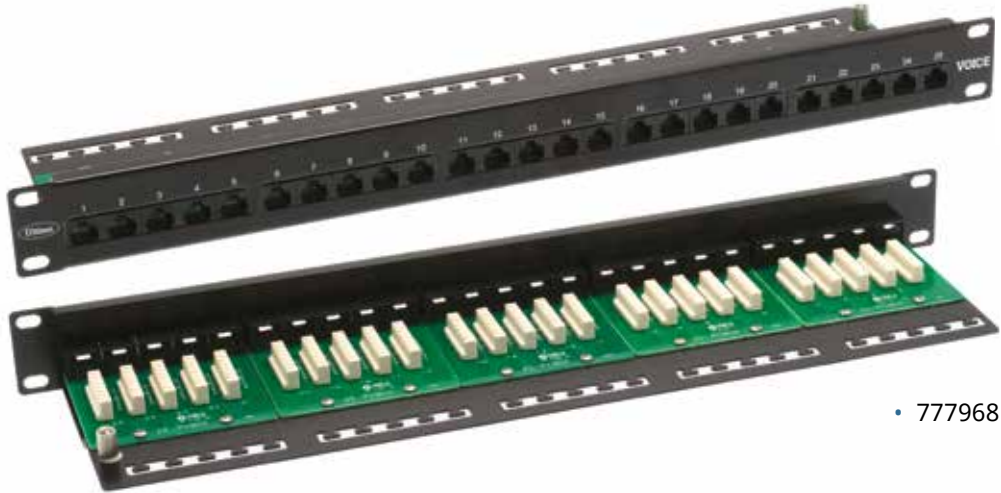
Distribution Frame 80A

- Extended version of distribution frame 108A
 - Capacity for 1600 pairs
 - Suitable for wall mounting, free-standing (additional feet required) or back to back installations
 - Good cable and jumper management



| Item | Description | Type | Pairs | Verts | Height | Width | Depth | UoM |
|--------|--------------------|------|-----------|-----------------|--------|-------|-------|------|
| 770781 | Distribution Frame | 80A | 1600 Pair | Single Vertical | 2250mm | 570mm | 150mm | Each |

Voice Patch Panels



• 777968

Voice panels with RJ45 ports

- Enable patching of voice services on structured cabling systems
- Suitable for all voice services
- 6 IDC contacts per port
- Cage nuts included
- LSA punchdown
- PoE+ IEEE802.3at (30-33W) compliant



• 774192



| Item | Description | Category | Ports | Pairs | Orientation | Height | Width | Colour | UoM |
|--------|-------------|----------|--------|--------|-------------|--------|-------|--------|------|
| 777968 | Patch Panel | Voice | 25Port | 3 Pair | Right Angle | 1U | 19" | Black | Each |
| 774192 | Patch Panel | Voice | 50Port | 3 Pair | Right Angle | 1U | 19" | Black | Each |

Voice Euro Modules

Euro modules with BT socket for voice and fax applications

- Enable voice circuits to be presented in Euro style faceplates
- LSA IDC terminations
- Available in white or black



| Item | Description | Category | Style | Colour | UoM |
|--------|-------------|----------|-------|--------|------|
| 771837 | PSTN Master | Voice | Euro | White | Each |
| 791026 | PSTN Master | Voice | Euro | Black | Each |
| 771839 | Secondary | Voice | Euro | White | Each |
| 800503 | Secondary | Voice | Euro | Black | Each |
| 771838 | PABX Master | Voice | Euro | White | Each |
| 803808 | PABX Master | Voice | Euro | Black | Each |

Line Adaptors

- Enable equipment terminated with BT style plugs to be connected to structured cabling systems
 - 150mm overall length
 - Converts RJ45 sockets into standard BT style outlets
 - PSTN master, PABX master and secondary adaptors are available



| Item | Description | Type | Category | Colour | UoM |
|--------|---------------------|-------------|----------|--------|------|
| 777955 | Tailed Line Adaptor | PSTN Master | Voice | White | Each |
| 777956 | Tailed Line Adaptor | PABX Master | Voice | White | Each |
| 777957 | Tailed Line Adaptor | Secondary | Voice | White | Each |

Ultima System Warranty



25
YEAR
WARRANTY

The Ultima System Warranty is a 25 year product and application warranty, available when the system has been designed, supplied and installed by an Ultima Certified Installer (UCI).

Ultima Certified Installers

An Ultima Certified Installer (UCI) is an accredited installer fully trained in their relevant product area. All certified installers hold a valid UCI certificate. Re-certification occurs every 2 years to ensure a full understanding of the Ultima system and how best to implement it.

Warranty Process

The following pages outline the details of the Ultima Warranty and familiarise the Ultima Certified Installer (UCI) and the end user with the process of issuing a warranty and making a claim against it.

- 1 Ultima Installer Accreditation
- 2 Warranty Application
- 3 Warranty Issue
- 4 Warranty Claim

Ultima Warranty Process

It's as easy as 1, 2, 3!

Structured Cabling • Fibre Cabling • Voice Cabling • Cabinets

- 1 Ultima Installer Accreditation**
 - Installer completes Ultima Certified Installer application form
 - Application reviewed by Ultima and any training needs identified
 - Any necessary training carried out by Ultima
 - UCI identification number and certificate issued

- 2 Warranty Application**
 - UCI completes Ultima Warranty application form
 - Final site certification checklist
 - Full set of drawings with numbered outlet locations
 - Test results
 - Calibration certificate for test equipment used
 - Warranty application reviewed by Ultima

- 3 Warranty Issue**
 - Warranty Certificate issued



- Warranty Claim**
 - End user reports fault to UCI
 - UCI rectifies fault and, where appropriate, makes a warranty claim
 - UCI completes Ultima Warranty Claim form
 - UCI submits claim form to Ultima

All forms are available to download at www.ultima-comms.com

Warranty Process

1

Ultima Installer Certification

This is the first step towards the 25 year Certification Warranty being achieved. It is essential that the Ultima Certified Installer Application Form is completed, submitted and approved before any further progress.

We will confirm receipt of your application and if successful you will receive a unique UCI identification number and certificate. Please note that certification is valid for two years only. Re-certification will be required after this time. If certification has already been received and is valid please proceed to step 2.

2

Warranty Application*

On completion of the project the Ultima Certified Installer (UCI) responsible for the design and installation of the system needs to complete a warranty application form. As part of this application the UCI will need to provide;

- A completed final site certification checklist
- Full set of drawings with numbered outlet locations
- Full and complete test results showing a pass result for every horizontal link to be covered by the warranty. A marginal pass is not accepted
- Calibration certificate for the test equipment used

Ultima reserves the right to inspect the final installation prior to issuing the warranty.

3

Warranty Issue

If successful a 25 year warranty certificate will be issued to the end user via the UCI. The warranty certificate will be dated from the date of the last test. The UCI will receive two copies of the certificate, one to be maintained by themselves the other to be passed on to the end user. The certificate will need to be produced in the event of a future claim.

*To be completed by the UCI



What is covered by the Warranty?

This is a link performance warranty, covering patch panel to outlet and/or patch panel to patch panel links.

The warranty covers components and applications. If a component in any link fails or the structured/fibre cabling fails to support an application that it has been tested to carry, then a claim can be made on the warranty.

Please note that patch leads are classed as replaceable items and are excluded from the warranty.

To qualify, the installation must be made up entirely of Ultima products, including Draka fibre optic cables. Products must be new at the time of installation and have been stored and used within reasonable environmental conditions for such product.

Ultima reserves the right to carry out its own tests on a system before certifying and registering that system.

Structured Cabling, Cat5e, Cat6 and Cat6A Warranty

The 25 Year Warranty covers all permanent copper cabling, outlets and jacks within the horizontal cabling of a Cat5e, Cat6 or Cat6A structured cabling system which has been tested and certified as an Ultima Cat5e, Cat6 or Cat6A system.

All other provisions in our standard terms and conditions shall continue to apply.

All links must be installed and tested by an Ultima Certified

Installer (UCI) in accordance to Ultima and industry guidelines to qualify for the warranty.

Certification tests for Cat5e/Class D, Cat6/Class E or Cat6A/Class EA must be carried out on all outlets by the UCI and submitted to Ultima for approval in order for a system to qualify as a certified system and thus be covered by the warranty. A suitable copper cabling certifier, as approved by Ultima, must be used. The results must be sent to Ultima in the form of an email or CD ROM, utilising the manufacturer's software.

Copper (Horizontal 4 pair)

- 100% of all horizontal links are to be tested as permanent links
- Full results must be submitted for each link
- Results to be submitted in the original tester format (see box below)
- The cabling system must be installed in accordance with the published standards for structured cabling in place at the time of installation

Important

- The test equipment shall support the standard for which the warranty is being sought
- The tester equipment shall be calibrated in accordance with the tester manufacturer's requirements
- Where the date of the results is outside the tester manufacturer's calibration period, the results will not be accepted and the warranty application will be rejected
- The test results shall be submitted in the tester manufacturer format (e.g. Lantek Reporter or Fluke Networks LinkWare)
- Full graph data shall be included in the results (this is set prior to testing)
- The tester shall be set to the correct cable characteristics (i.e. cable type and NVP) as per the product's published specifications
- Do NOT submit duplicate results
- The latest tester software and firmware shall be installed
- The warranty shall be issued against the standard tested. E.g EN 50173 Class E
- Ultima reserves the right to decline the warranty if test results are altered in any way

Fibre Optic Warranty

The 25 Year Warranty covers all permanent fibre cabling, adaptors and connectors within the horizontal cabling of an Ultima fibre cabling system which has been tested and certified as such in place of the warranty set out in our current terms and conditions of sale. All other provisions in our standard terms and conditions shall continue to apply.

- Tier 1 testing must be completed for each link that requires a warranty
- The tester shall be calibrated in accordance with the tester manufacturer’s requirements.
- Where the date of the results is outside the manufacturer’s calibration period, the results will not be accepted and the warranty application will be rejected
- The tester shall be set to the correct fibre characteristics (e.g. Index of Refraction) as per the product’s published specifications
- Results to be submitted in the original tester format, e.g. LanTEK Reporter or Fluke Networks LinkWare
- Where testing has been performed by other methods, i.e. Loss Test Set or individual Light Source and Power Meter, the results must be submitted as a link loss sheet on letter headed paper and signed by a Director or Senior Manager of the company
- The test results must show the overall attenuation of the link
- The maximum allowable loss can be worked out using the following table

Maximum Allowable Link Losses in Accordance with ISO 11801

| Optical Fibre Type | Loss/km in db* | | | | | |
|--------------------|----------------|--------|--------|--------|-----------|--------|
| | 850nm | 1300nm | 1310nm | 1550nm | Connector | Splice |
| OM1 (62.5/125µm) | 3.50 | 1.50 | N/A | N/A | 0.75 | 0.30 |
| OM2 (50/125µm) | 3.50 | 1.50 | N/A | N/A | 0.75 | 0.30 |
| OM3 (50/125µm) | 3.50 | 1.50 | N/A | N/A | 0.75 | 0.30 |
| OM4 (50/125µm) | 3.50 | 1.50 | N/A | N/A | 0.75 | 0.30 |
| OS2 (9//125µm) | N/A | N/A | 1.00 | 1.00 | 0.75 | 0.30 |

*Link loss (db) = Cable loss + Connector loss + Splice loss

Ultima reserves the right to decline the warranty if test results are altered in any way

- Ultima warrants the following:
1. All products forming part of a certified system will be free from manufacturing defects for a period of 25 years from the date of installation or invoicing, whichever occurs first, and
 2. The installation will satisfy the transmission performance requirements of the relevant standard as tested at the time of installation for a period of 25 years from date of installation provided that:
 - 2.1. The installation is designed and installed in accordance with Ultima requirements by a current UCI
 - 2.2. The installation is fully tested to the current edition of the relevant standard and thoroughly documented
 - 2.3. All results and installation details are supplied to Ultima along with details of any moves and changes

Warranty Claim

In the event that there is a genuine problem with an Ultima warranted system, the following actions should be taken. In the first instance, the fault(s) should be reported back to the Ultima Certified Installer (UCI), or to Ultima directly by the owner or end user if the installer is no longer in existence. If the UCI is unable to rectify the problem and wishes to make a warranty claim, an Ultima Warranty Claim must be completed and submitted to Ultima.

An Ultima Engineer may visit the site, if deemed necessary, in order to investigate further.

If the fault is found, and in the opinion of the Ultima Engineer it is a genuine fault, then Ultima will at its option:

- 1) Organise a replacement of the product, or
- 2) Repair the faulty product, or
- 3) Reimburse the user's reasonable costs of organising a replacement of, or repairing the faulty product (including the user's reasonable costs incurred in removing and installing/reinstalling the faulty product or its replacement), or
- 4) Refund the purchase price of the product at Ultima's expense.

Provided that performance of any one of these options shall operate as an entire discharge of any liability Ultima may have under this warranty.

In all instances the findings of the Ultima Engineer will be deemed absolute.

Ultima reserves the right to request written evidence of any costs incurred in replacing, repairing, removing or reinstalling faulty products. Ultima will not accept any consequential loss or damages due to the performance or non-performance of Ultima products or products supplied by Ultima.



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