

The logo for Ultima, featuring the word "Ultima" in a white, sans-serif font inside a dark blue oval with a thin white border.

Ultima

A red ribbon-shaped badge with the text "25 YEAR WARRANTY" in white, stacked vertically.

25  
YEAR  
WARRANTY

A background image of a glowing blue network diagram with interconnected nodes and lines, set against a dark blue gradient.

Cabling  
Product Guide

[www.ultima-comms.com](http://www.ultima-comms.com)

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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



**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 over the standards requirements. The range includes cable, 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 U/UTP Data Cable



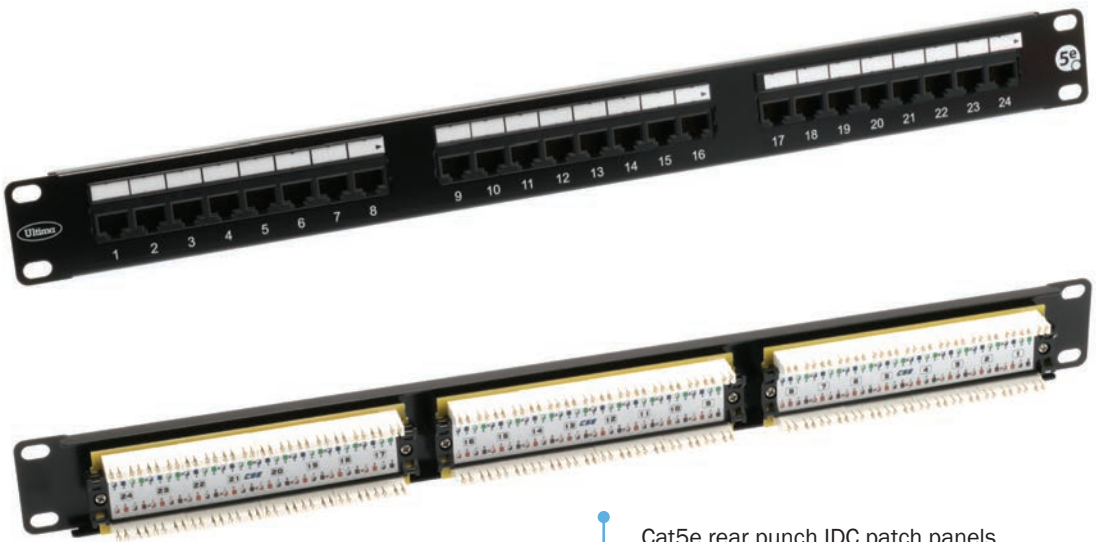
Data cable compliant with the latest specifications

- Reellex 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
- Metre marked from 305m to 0m
- 25 Year Ultima system warranty compliant



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
789879	Solid	Cat5e	U/UTP	LSZH	4 Pair	Eca	65%	4.7mm	Grey	Box Of 305mtr
805005	Solid	Cat5e	U/UTP	LSZH	4 Pair	Eca	65%	4.7mm	White	Box Of 305mtr
774612	Solid	Cat5e	U/UTP	PE External	4 Pair	Fca	65%	5.0mm	Black	Reel In A Box 305mtr
793771	Solid	Cat5e	F/UTP	PE External	4 Pair	Fca	65%	6.0mm	Black	Reel In A Box 305mtr

# Cat5e Rear Punch Patch Panels



- Cage nuts included
- Protected labelling facility
- 568B wiring
- Dual block 110/LSA punchdown



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

# Cat5e Right Angle Patch Panels

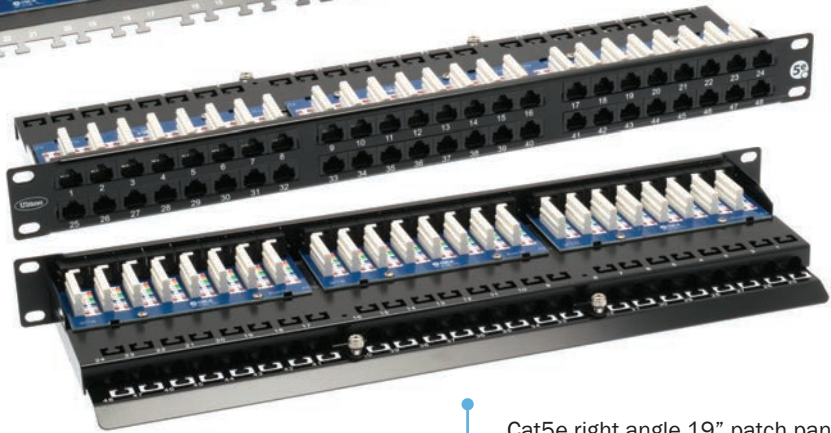
770258 •



• 771833



777649 •



- Cat5e right angle 19" patch panels
- Cage nuts included
- LSA punchdown
- Vertical punch down terminations
- PCB panel



Item	Description	Category	Type	Ports	Orientation	Height	Width	Colour	UoM
770258	Patch Panel	Cat5e	Unshielded	16Port	Right Angle	1U	19"	Black	Each
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 Unloaded Patch Panels



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



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

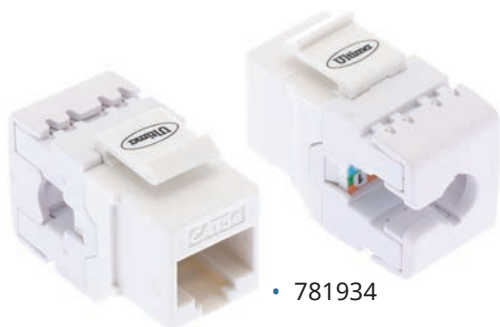
# Cat5e Keystone Jacks



• 791597



• 789768



• 781934



• 790013



• 789771

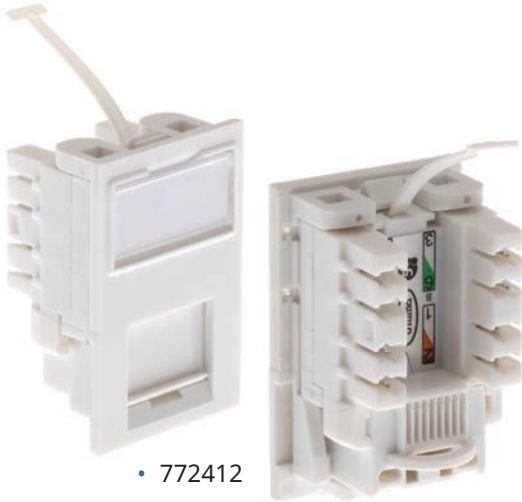
## Cat5e keystone jacks

- TIA 568, ISO 11801 and EN 50173 Cat5e compliant
- Colour coded for T568A and T568B wiring schemes
- HD jacks for HD (High Density) unloaded patch panels
- 25 year Ultima system warranty



Item	Description	Category	Style	Type	Colour	UoM
791597	Keystone Jack	Cat5e	Through Coupler	Unshielded	Black	Each
789768	Keystone Jack	Cat5e	90 Deg Punchdown HD	Unshielded	White	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 PCB Modules



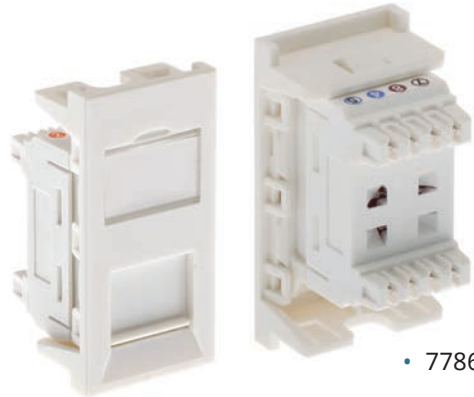
• 772412



• 787117



• 771836



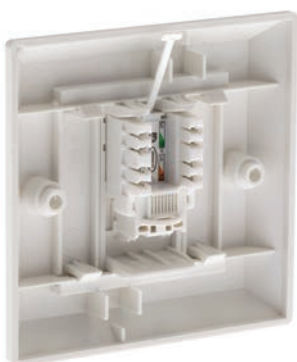
• 778649

- Cat5e PCB punchdown modules
- Protected labelling facility
- Low profile module 20mm deep
- Standard module 29mm deep
- Dual block 110/LSA punchdown
- 568B wiring scheme
- 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



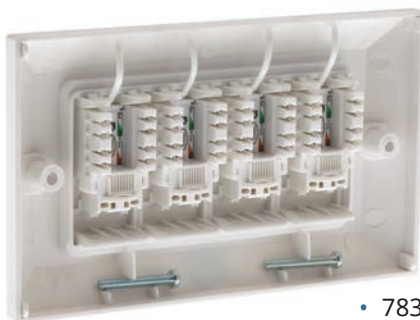
• 777958

Bevelled faceplates with fitted Cat5e modules

- No assembly required – saves time on site
- Dual block 110/LSA punchdown
- Protected labelling facility
- 568B wiring scheme
- Cable strain relief facility
- Can be mounted on 12mm deep back box



• 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

## RJ45 Couplers

RJ45 inline couplers for connecting RJ45 patch leads and Ethernet cables

- RJ45-RJ45 inline couplers
- Unshielded



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

## IDC Inline Connectors

Cat5e IDC inline connectors

- Block to block junction box
- IDC compatible with 110 & KRONE tool
- Unshielded



Item	Description	Category	Style	Type	Colour	UoM
777934	Coupler	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 Adaptors

Adaptors 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 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 (each)	786795	790253	792691	792692	790250	792653	792651	790255	802340	792520	792652
0.5m (each)	772189	772098	776686	776679	772093	772108	772103	776693	802341	776700	792654
0.75m (each)	779491	779493			779492						
1m (each)	772190	772099	776687	776680	772094	772109	772104	776694	801653	776701	779725
1.5m (each)	775863	774851	776688	776681	776355	775875	776356	776695	802342	776702	792656
2m (each)	772191	772100	776689	776682	772095	772110	772105	776696	801654	776703	779726
3m (each)	772192	772101	776690	776683	772096	772111	772106	776697	801655	776704	779727
4m (each)	781937	790247	790276		790252	790286	790258		802343		
5m (each)	772193	772102	776691	776684	772097	772112	772107	776698	801656	776705	786801
6m (each)	791758	789762	790281		792658	792659	790249				
7m (each)	782033	783184	790287		781938	783185	790264		802344	789393	
8m (each)	790283		790270			792660	790293				
10m (each)	772404	772407	776692	776685	772405	772408	772406	776699	801657	776706	790279
15m (each)	775864	781941	781944	781943	781939	781942	781940	790063		789394	
20m (each)	775865	790248	790288	790295	775868	790291	775871				
25m (each)	783115		783127	783125							
30m (each)	783116		783128	783126	783118						



## Minipatch Cabinet

Designed to be installed where space is limited

- Capacity for 8U worth of Minipatch equipment
- Only suitable for Ultima Minipatch panels
- Lockable, reversible, removable glazed front door
- Ideal for use in homes, small offices or remote cabinet locations



Item	Description	Height	Width	Depth	Colour	UoM
774193	Minipatch Cabinet	8U	360mm	350mm	Black	Each

## Minipatch Cat5e Patch Panels



Cat5e patch panels for use in Ultima Minipatch cabinets

- Cat5e compliant performance
- Support up to 1 Gigabit Ethernet
- Right angle design with integral cable management
- Industry standard LSA terminations
- Use 1U of rack space

Item	Description	Ports	Category	Colour	UoM
774194	Minipatch Panel	8 Port	Cat5e	Black	Each
774195	Minipatch Panel	16 Port	Cat5e	Black	Each



## Minipatch Shelf



Accessory shelf for Ultima Minipatch cabinet

- Uses 1U of space
- Ideal for mounting switches and routers

Item	Description	Height	Colour	UoM
774196	Minipatch Shelf	1U	Black	Each

## Minipatch Cable Management Panels



Cable management panels for use in Ultima Minipatch cabinet

- Help to keep patch cords tidy
- Brush panel can be used to manage cables running between front and back of cabinet
- Cable management bar has 4 rings to help manage patch cords

Item	Description	Height	Colour	UoM
774197	Minipatch Cable Management Bar	1U	Black	Each
774198	Minipatch Brush Management Bar	1U	Black	Each

# 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 Data Cable

Four pair Cat6 cables compliant with the latest specifications

- ANSI/TIA-568-C.2, ISO/IEC 11801 and EN50173-1 Category 6 compliant
- Reverse metre marking
- 25 Year Ultima system warranty compliant



Item	Conductor type	Category	Type	Sheath	No of Pairs	CPR Euroclass	NVP Rating	Outer Dia	Colour	UoM
791939	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Blue	Box Of 305mtr
787207	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Orange	Box Of 305mtr
778134	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Violet	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
810352	Solid	Cat6	U/UTP	LSZH	4 Pair	B2ca-s1a,d2,a1	65%	6.2mm	Violet	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 305mtr
808297	Solid	Cat6	F/UTP	PE External	4 Pair	Fca	65%	7.3mm	Black	Box Of 305mtr

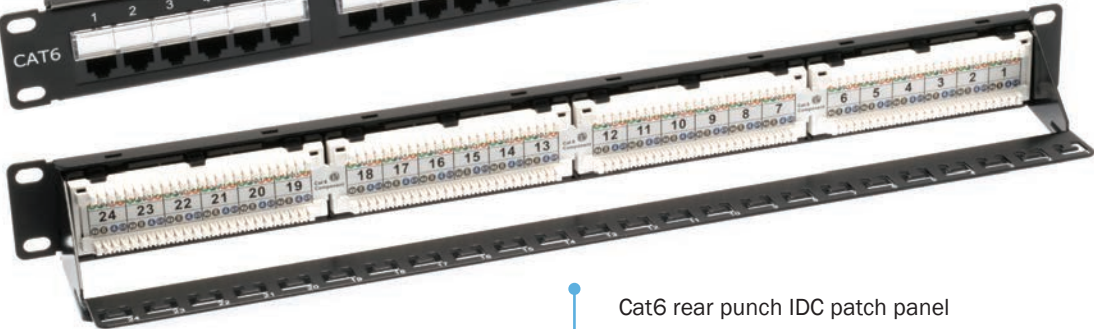
# Cat6 Rear Punch Patch Panels



• 779333



791330 •



- Cat6 rear punch IDC patch panel
- Cage nuts and rear management
- Protected labelling facility
- PCB panel
- Dual block 110/LSA punchdown
- 791330 component compliant performance



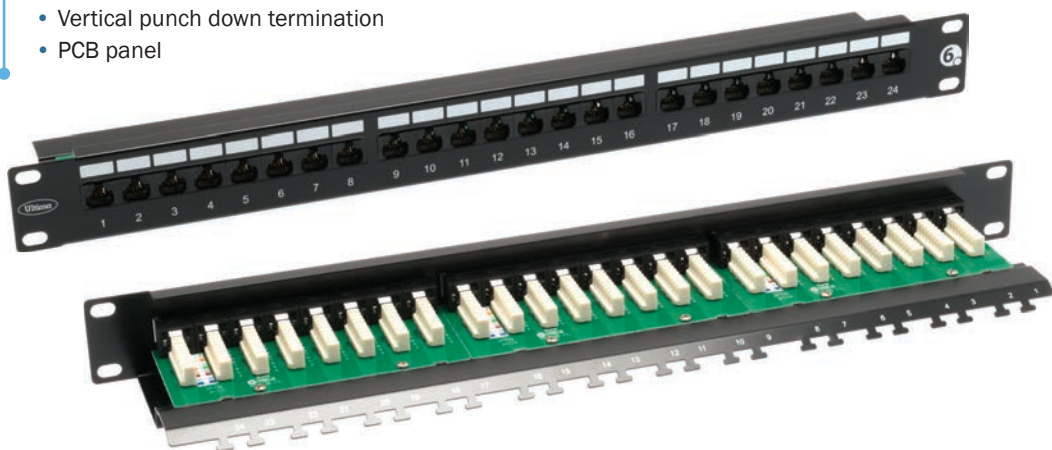
Item	Description	Category	Type	Ports	Orientation	Rear Cable Man	Height	Width	Colour	UoM
779333	Patch Panel	Cat6	Unshielded	24Port	Rear Punch	With Rear Cable Management	1U	19"	Black	Each
789242	Patch Panel	Cat6	Unshielded	24Port (4 x 6)	Rear Punch	With Rear Cable Management	1U	19"	Black	Each
795077	Patch Panel	Cat6	Unshielded	48Port	Rear Punch	With Rear Cable Management	2U	19"	Black	Each
791330	Patch Panel	Cat6+	Unshielded	24Port	Rear Punch	With Rear Cable Management	1U	19"	Black	Each

# Cat6 Right Angle Patch Panels

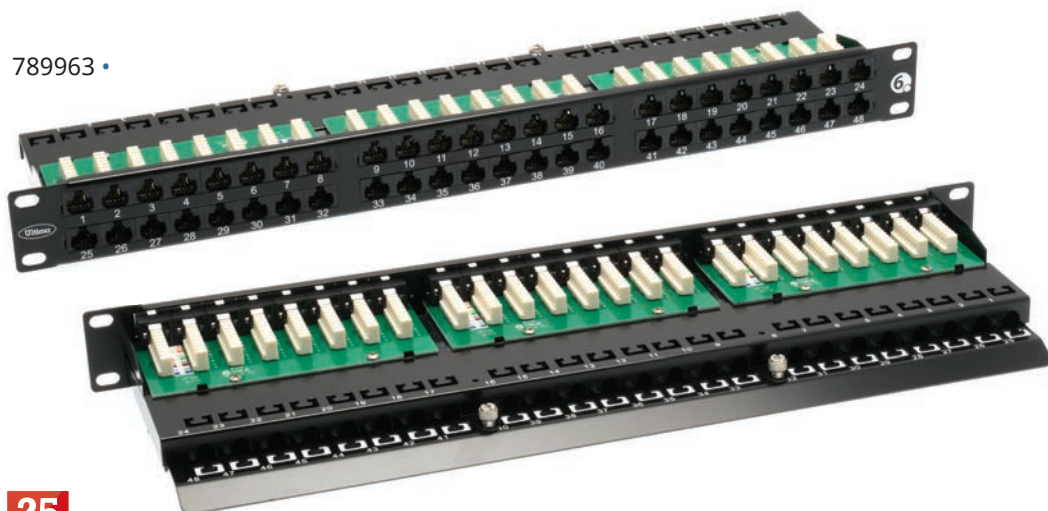
Cat6 right angle 19" patch panels

- Cage nuts included
- LSA punchdown
- Vertical punch down termination
- PCB panel

• 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	Orientation	Rear Cable Man	Height	Width	Colour
797556	Patch Panel	Unloaded Cat6	Unshielded	24Port	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 Panels

Cat6 through coupler patch panels

- Exceeds Cat6 performance requirements
- Suitable for joining or patching cables terminated with RJ45 plugs
- Port labelling facility
- Removable rear cable management bar



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

**EASY  
ORDERING**



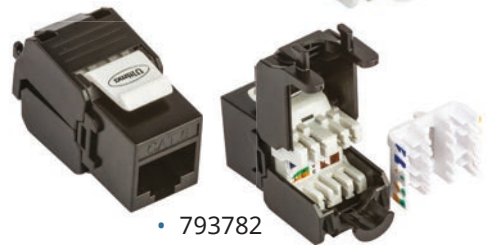
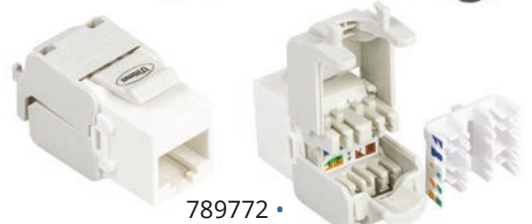
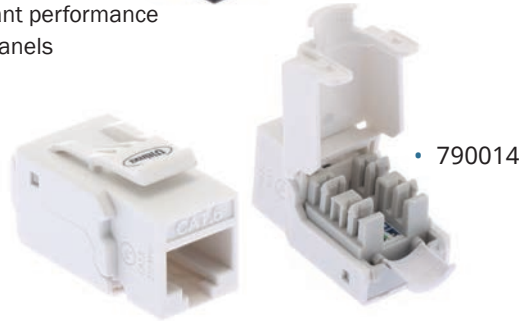




# Cat6 Keystone Jacks

Cat6 keystone jacks

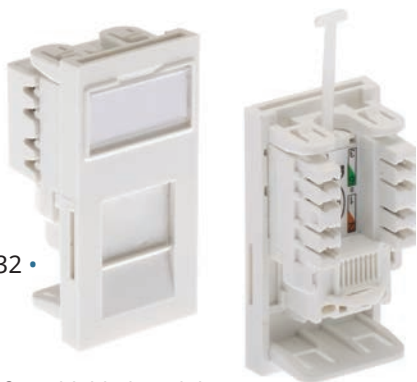
- TIA 568, ISO 11801 and EN 50173 Cat6 compliant performance
- HD jacks for HD (High Density) unloaded patch panels
- 25 year Ultima system warranty



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 PCB Modules

779332 •



• 779331



Cat6 unshielded modules

- Protected labelling facility
- Low profile module 20mm deep
- Standard module 29mm deep
- 568B wiring
- Dual block 110/LSA punchdown
- TIA 568, ISO 11801 and EN 50173 Cat6 compliant performance
- Cable strain relief facility

• 789845



796053 •



789835 •

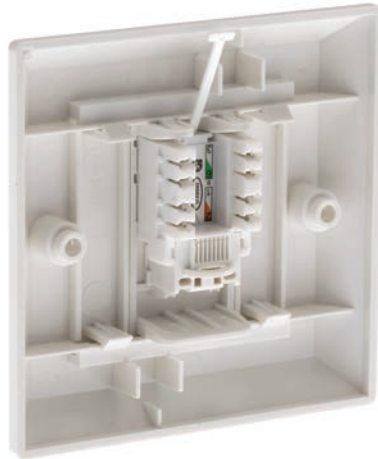


791329 •



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

# Cat6 Assembled Outlets

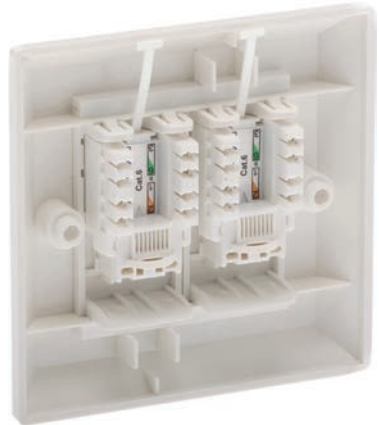


• 792389

Bevelled faceplates with fitted Cat6 modules

- No assembly required – saves time on site
- Dual block 110/LSA punchdown
- Protected labelling facility
- 568B wiring scheme
- Cable strain relief facility
- Can be mounted on 12mm deep back box

792390 •



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

## RJ45 Couplers

RJ45 inline couplers for connecting RJ45 patch leads and Ethernet cables

- RJ45-RJ45 inline couplers
- Unshielded



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

## IDC Inline Connectors

Cat6 IDC inline connectors

- Block to block junction box
- IDC compatible with 110 & KRONE tool
- Unshielded

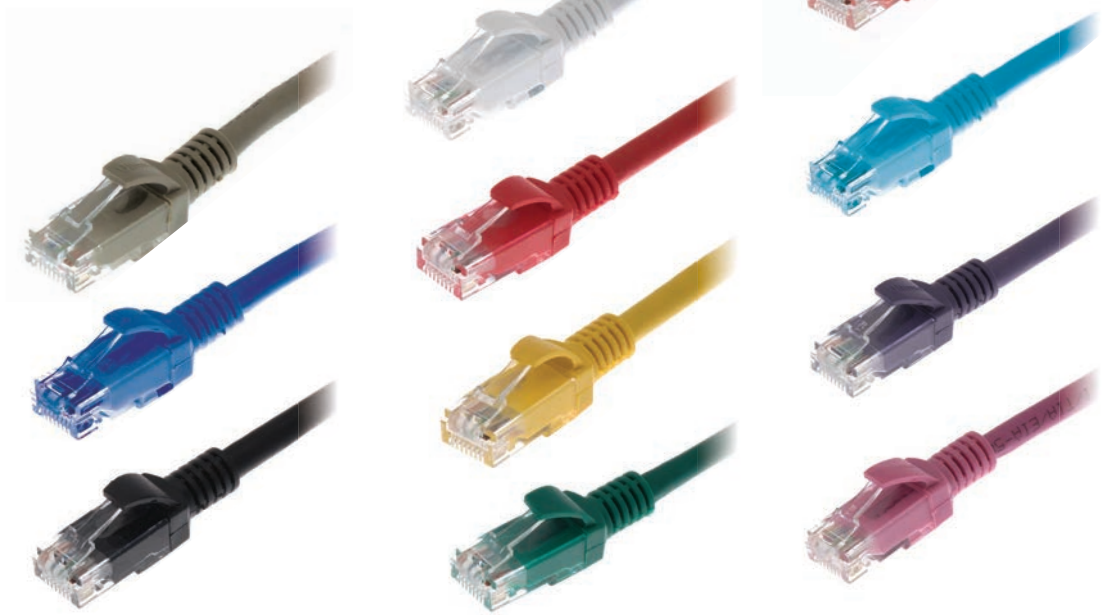


Item	Description	Category	Style	Type	Colour	UoM
777935	Coupler	Cat6	IDC Punchdown	Unshielded	White	Each

# 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



Length	Grey	Blue	Black	White	Red	Yellow	Green	Orange	Lt Blue	Purple	Pink
0.25m (each)	792375	790244	789074	790245	790567	792720	790568	790265	801639	792733	
0.3m (each)	801957	802488	810115	800154	810111	802489	802490	810108		810110	810109
0.5m (each)	776629	776630	779392	781950	776632	776633	776631	792668	801641	790254	792725
0.75 (each)	792358	792719	792723		792726	792721	792730				
1m (each)	776634	776635	779396	781951	776637	776638	776636	786803	801643	779398	790267
1.5m (each)	789724	788604	791303	790257	790251	790269	790274	792667	801645	790282	
2m (each)	776639	776640	779400	781952	776642	776643	776641	779401	801646	779402	790273
3m (each)	776644	776645	779404	781953	776647	776648	776646	786804	801647	779406	790271
4m (each)	790256										
5m (each)	776649	776650	779408	781954	776652	776653	776651	786805	801648	786802	792666
7m (each)	790259	792257	790294	790296	792728	792722	792731	792732	801649	792734	
8m (each)	790263	790272		789077			790289				
10m (each)	776654	776655	779412	781955	776657	776658	776656	786806	801650	792661	792664
15m (each)	776659	790277	792724		792729	790261	790246		801651		
20m (each)	776660	776800		789031	790292	790284			801652		
25m (each)	776661										
30m (each)	776662										

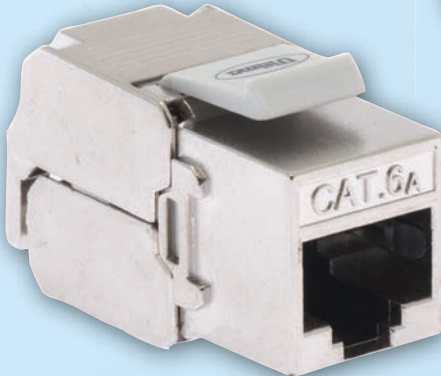
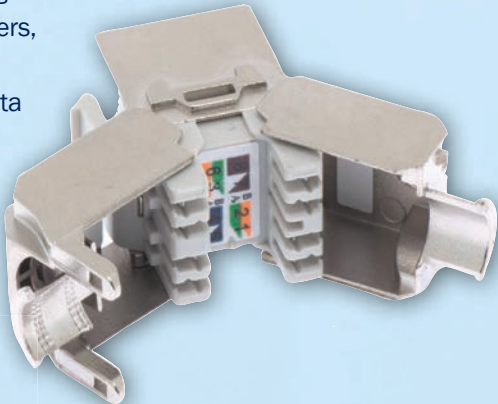
# Category 6A

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 ETL/Intertek verified link performance when used in conjunction with the Ultima shielded Cat6A keystone jacks, it's guaranteed to perform, first time, every time.

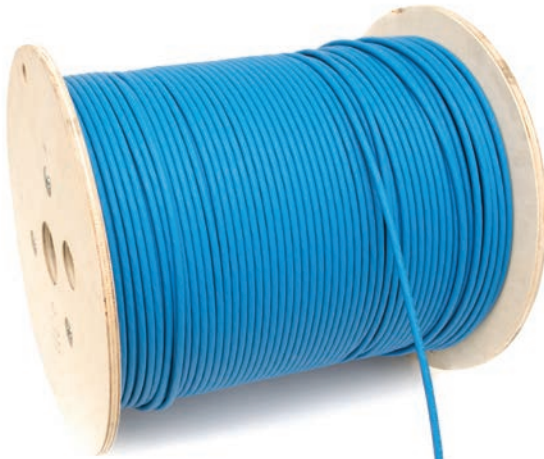


The shielded Cat6A keystone jack, terminated using a standard 110 punchdown tool or a pair of side cutters, has independently verified component compliant performance from Europe's leading test facility, Delta in Denmark. Compatible with a wide range of patch panels and work area outlets it provides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



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

# Cat6A Data Cable



Shielded Cat6A cable

- 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
- 25 Year Ultima system warranty compliant




Item	Conductor type	Category	Type	Sheath	No of Pairs	CPR Euroclass	NVP Rating	Outer Dia	Colour	UoM
789924	Solid	Cat6A	U/FTP	LSZH	4 Pair	Dca-s2, d2, a1	74%	6.9mm	Light Blue	Reel Of 500mtr
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 Panels



- Cat6A right angle 19" patch panel
- Hinged shutters on ports prevent contact contamination
- Dual protected labelling facilities
- 360 degree cable shield termination
- Integral cable management
- LSA punchdown
- Terminations colour coded for 568A & 568B
- Cage nuts included



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

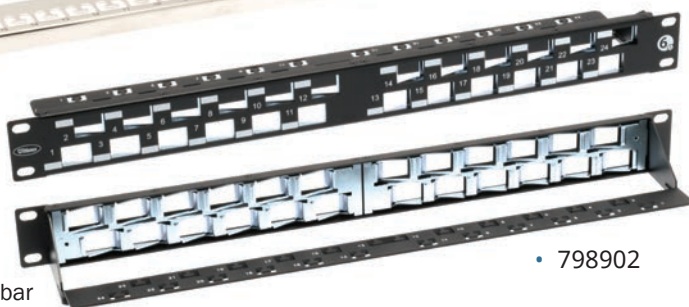
# Cat6A Unloaded Patch Panels



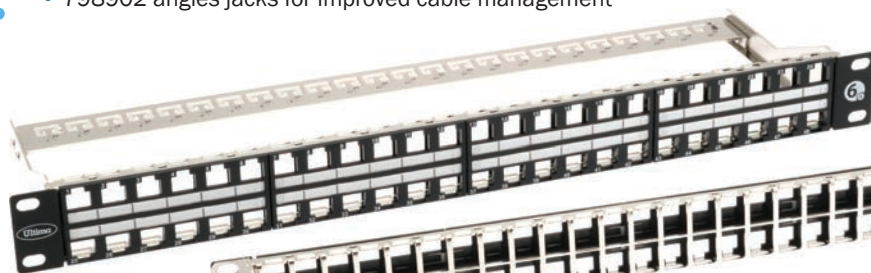
• 797557

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 angles jacks for improved cable management



• 798902



797434 •



Item	Description	Category	Type	Ports	Orientation	Rear Cable Man	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	Keystone Staggered	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	HD Keystone Jacks	With Rear Cable Management	1U	19"	Black

# Cat6A Keystone Jacks

- Shielded Cat6A keystone jacks
  - Fits all Ultima keystone style mounting hardware including faceplates, floor boxes, shutters and patch panels
  - Tool-free termination makes installations quick and easy
  - Delta tested for full Cat6A compliance



Item	Description	Category	Style	Type	Colour	UoM
789773	Keystone Jack	Cat6A	180 Deg Toolless HD	Shielded	Silver	Each

NEXT DAY

DAY

UK DELIVERY



## RJ45 Couplers



- RJ45 inline couplers for connecting RJ45 patch leads and Ethernet cables
- RJ45-RJ45 inline couplers
  - Shielded
  - Cat6A compliant



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

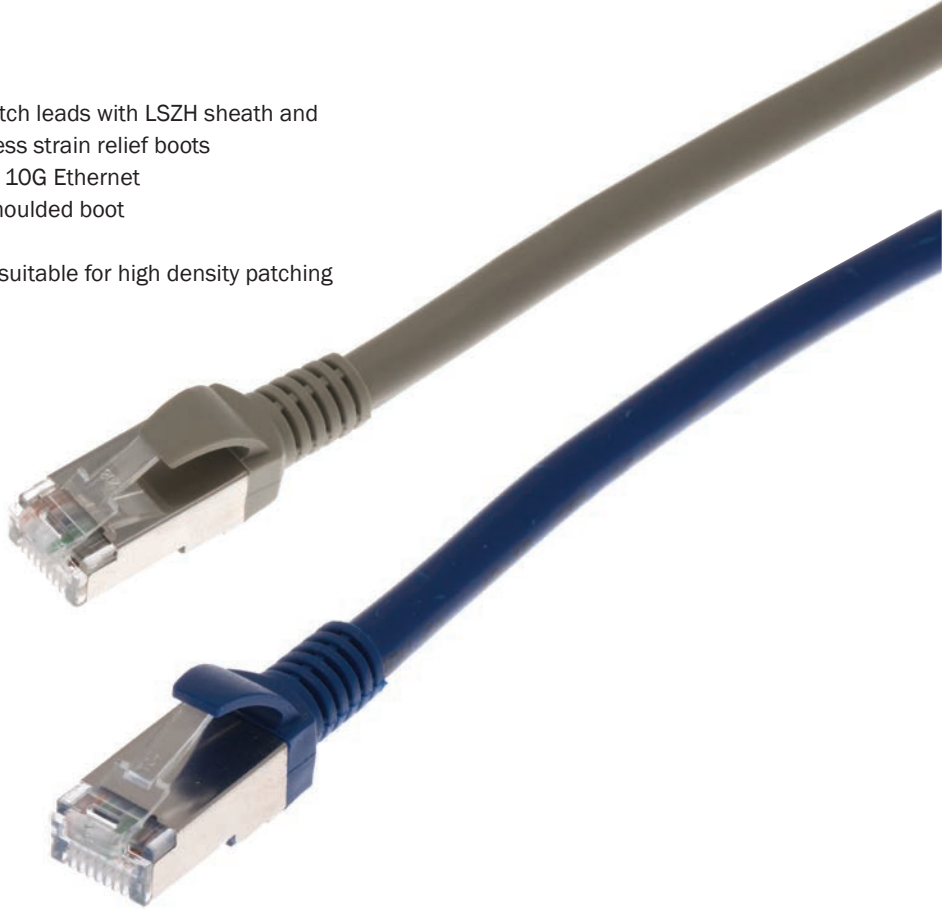
# EASY ORDERING



# Cat6A LSZH F/UTP Patch Leads

Cat6A F/UTP patch leads with LSZH sheath and moulded, snagless strain relief boots

- Support up to 10G Ethernet
- High quality moulded boot
- LSZH sheath
- Slimline boot suitable for high density patching



Length	■ Grey	■ Blue	□ White	■ L. Blue	■ Orange	■ Red	■ Yellow
0.3m (each)	806747						806758
0.5m (each)	795438	806771	804407	806749	806750	806752	806779
1m (each)	791502	787782	804559	802346	806772	806754	806780
1.5m (each)	791517	794761	806767	802347	806773	806776	806764
2m (each)	791503	787781	803926	803436	806774	806777	806781
3m (each)	791504	787780	803927	802348	806775	806778	806782
5m (each)	791505	791069	803928	803438	806756	806755	806765
10m (each)	791561						
15m (each)	791520						
20m (each)	791521						

**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 Shutters

- Flat keystone shutters
  - Accept Ultima keystone jacks
  - Spring loaded shutter
  - Protected labelling facility

777677 •



• 786794

Item	Description	Style	Jack Type	Colour	UoM
777677	Flat Shutter	LJ6C	Keystone	White	Each
786794	Flat Shutter	Euro	Keystone	White	Each



# Angled Keystone Shutters



- Angled keystone shutters
  - Accept Ultima keystone jacks
  - Spring loaded shutter
  - Protected labelling facility
  - Angled design reduces required back box depth
  - Patch leads hang neatly down the wall

781936 •



Item	Description	Style	Jack Type	Colour	UoM
777678	Angled Shutter	LJ6C	Keystone	White	Each
781936	Angled Shutter	Euro	Keystone	White	Each
792782	Angled Shutter	Euro	Keystone	Black	Each

# Unshuttered Keystone Adaptors

For mounting keystone modules in Euro faceplates

- Ideal for mixing multi media jacks
- Up to 8 keystone jacks can be mounted in a double gang faceplate



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

# Flat Euro Faceplates



Accept all Ultima Euro modules, shutters and blanks

- Suitable for copper, fibre and AV modules



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
772351	Faceplate	Flat	Double Gang	4x Euro	86mm	146mm	White	Each
799848	Faceplate	Flat	Single Gang	2x Euro	86mm	86mm	Black	Each

# Flat LJ6C Faceplates

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



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 •



789778 •



- Flat, single gang faceplates with integral shutter
- Complete faceplate, just requires keystone jacks
- Single, double or quad port options available



• 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 backbox 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, chamfered 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 units 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

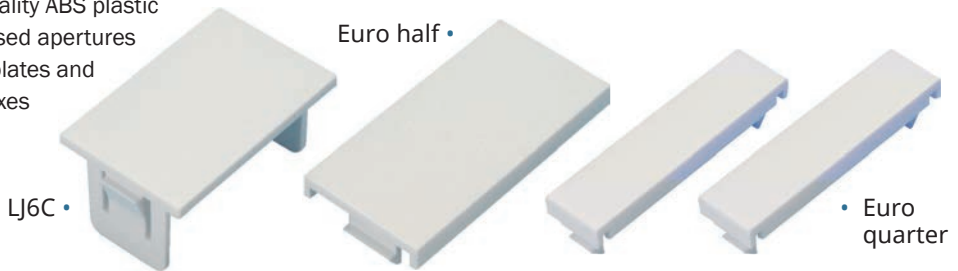
- Single gang bevelled faceplates pre-assembled with keystone shutters
  - Available with flat or angled keystone shutters
  - Protected port labelling facility
  - Spring loaded shutters
  - Angled shutter recommended for Cat6A keystone jacks
  - Keystone jacks must be ordered separately



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

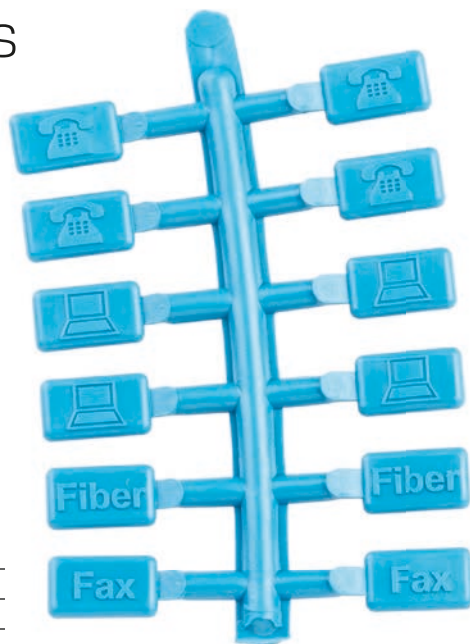


Item	Description	Size	Style	Height	Width	Colour	UoM
772812	Blanking Plate	Full Blank	LJ6C	38mm	24mm	White	Each
797126	Blanking Plate	Full Blank	LJ6C	38mm	24mm	Black	Each
772815	Blanking Plate	Half Blank	Euro	50mm	25mm	White	Each
789092	Blanking Plate	Half Blank	Euro	50mm	25mm	Black	Each
774102	Blanking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

## 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

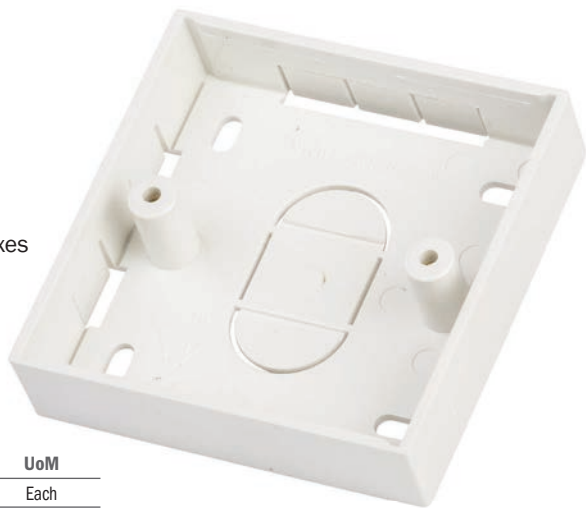


Item	Description	Colour	UoM
805505	Port ID Icon Set	Blue	Set
805506	Port ID Icon Set	Red	Set
805507	Port ID Icon Set	White	Set

## 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	UoM
993203	Single Gang	21mm	Each
770997	Single Gang	32mm	Each
770998	Single Gang	44mm	Each
774239	Double Gang	32mm	Each
774240	Double Gang	44mm	Each



# 110 Termination Tool

- Punchdown tool for terminating wires on 110 IDC blocks
- Integral blade automatically trims excess wire
- TRP soft grip handle provides better comfort
- Built in hook for removing wires
- Adjustable impact force setting
- Spare blade storage facility



Item	Description	Type	UoM
770218	Inserter Wire	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 back mount frames
- Includes hook for removal of wires from terminations
- Scissor action blades trim excess wire



Item	Description	Type	UoM
773118	Inserter Wire 2A	LSA	Each

# Mini Side Cutting Pliers

- Small side cutting pliers
- Ideal for cutting wires and small diameter cables
- Spring assisted opening
- Soft grip handles



Item	Description	Length	UoM
993233	Mini Flush Side Cutting Pliers	110mm	Each
993232	Mini Side Cutting Pliers	120mm	Each

# Cable Management

A good quality cabling system requires sufficient 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.

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 fire rated Class 'O' 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 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
- Rolls are joined using cable matting tape to maintain the fire standard (see 778129)



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
778125	Floor Matting	'O' Class	13mm	575mm	Black	14Mtr	Roll Of 14Mtr
779881	Floor Matting	'O' Class	13mm	600mm	Black	14Mtr	Roll Of 14Mtr

## Protective Cable Matting Tape

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	Floor Matting Tape	Flame Retardant	3mm	50mm	Black	25Mtr	Each
803094	Floor 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	Man. Code	Description	Type	For Cutting	Colour	UoM
800337	Matting Cutter	Floor Matting	Safety Cutter	Basket and Floor Matting	Blue	Each

## LJ6C Pod Box Kits - Unloaded

Quick fit kit 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	4 Port	25mm	60mm	55mm	Black	190mm	Each
779910	LJ6C Pod Box Kit	Horizontal	6 Port	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
- 70mm boxes suitable for Cat6A
- For our LJ6C modules please see our structured cabling section
- Rugged steel construction
- Durable powder coated finish



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

Item	Description	Type	Ports	Port Layout	Entry Gland	Width	Depth	Colour	Length	UoM
779907	LJ6C Pod Box	Side Entry	4 Port	1x4	25mm	62mm	40mm	Black	240mm	Each
779908	LJ6C Pod Box	Side Entry	8 Port	2x4	32mm	120mm	55mm	Black	260mm	Each
788567	LJ6C Pod Box	Side Entry	12 Port	2x6	2 x 32mm	120mm	55mm	Black	330mm	Each

# LJ6C Vertical Pod Boxes - Unloaded

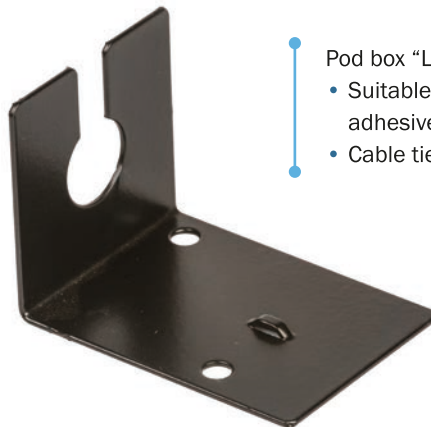
For use beneath floors or can be attached to desks

- Complete with cable tie fixing points and keyhole slots
- 70mm deep pod boxes suitable for Cat6A
- Rugged steel construction
- Durable powder coated finish



Item	Description	Type	Ports	Port Layout	Entry Gland	Width	Depth	Colour	Length	UoM
797563	LJ6C Pod Box	Vertical	4 Port	2x2	25mm	60mm	55mm	Black	170mm	Each
788569	LJ6C Pod Box	Vertical	4 Port	2x2	25mm	60mm	55mm	Black	190mm	Each
798810	LJ6C Pod Box	Vertical	4 Port	2x2	32mm	60mm	60mm	Black	190mm	Each
798811	LJ6C Pod Box	Vertical	4 Port	2x2	25mm	60mm	70mm	Black	190mm	Each
797564	LJ6C Pod Box	Vertical	4 Port	2x2	32mm	60mm	70mm	Black	190mm	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 Ring

Universal 19" mounting cable management panels supplied complete with fixings

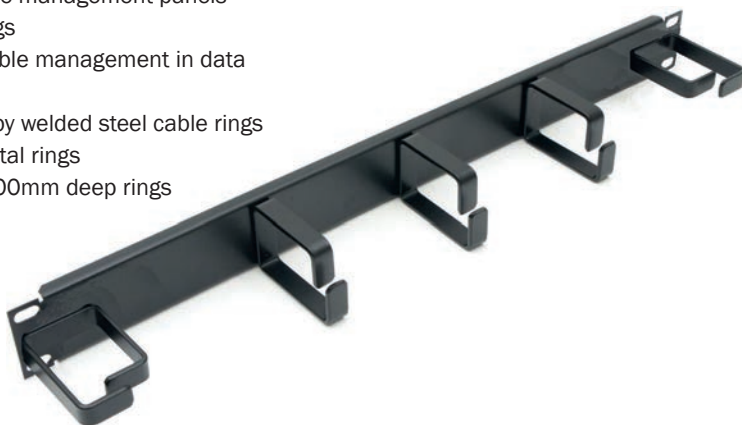
- Ideal for ensuring good cable management in 19" data cabinets and racks
- Management is provided by welded steel cable rings
- Option for 4 or 5 rings
- Available with 65mm or 100mm deep rings

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
778822		Cable Manager	4 Ring	Vertical	2U	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
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 Ring

Universal 19" mounting cable management panels supplied complete with fixings

- Ideal for ensuring good cable management in 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
- Help ensure good cable 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 Manager Hinged Cover

7 ring cable managers with hinged cover

- Hinges up or down
- Durable plastic construction
- Cover protects and conceals cables
- Supports horizontal cable 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 panels

- Used to feed cables from the front of the equipment through to the inside of 19" enclosures
- Suitable for wall mounted or free standing 19" data and server cabinets
- 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

## Blanking Panels

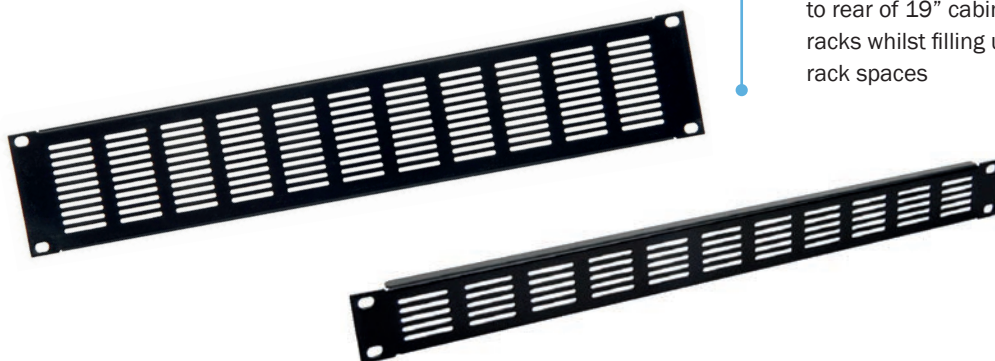


19" blanking panels

- 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
778821	Blanking Panel	Plain	4U	19"	Grey	Each
791932	Blanking Panel	Plain	5U	19"	Grey	Each

## Vented Blanking Panels



19" 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 racking and panel 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 user to mount 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

NEXT  
DAY

UK DELIVERY



# 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. OM1 and OM2 should only be used in legacy installations.

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 that are fusion spliced on to the fibre optic cable.

## High Density Solution for data centres and high use environments

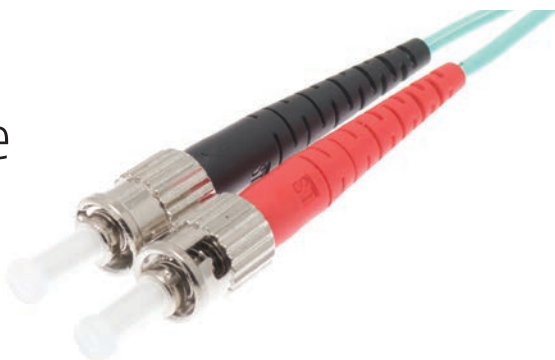
Ultima's MTP fibre solution provides a factory terminated, high density, easy to install cabling solution for data centres and other high use environments. Utilising the high performance MTP connector the trunk cables can be joined to breakout cables for direct connections or to a panel mounted cassette 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




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




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



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



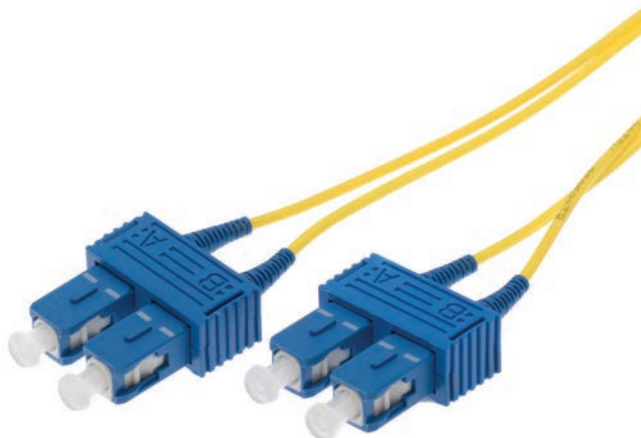
Colour: Violet

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

# OS2 SC-SC Fibre Patch Leads



Colour: Yellow

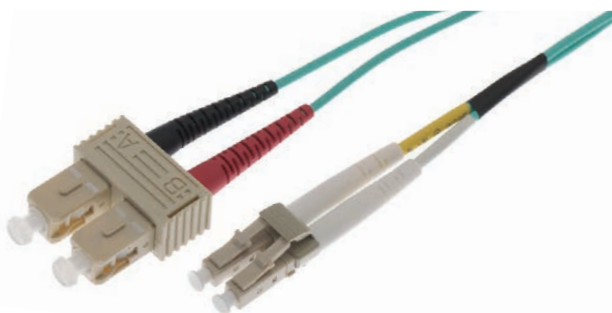


Item	Description	Type	Mode	Connector	Standard	Core Size	Sheath	Length	UoM
797918	Fibre Patch Lead	Duplex	SM	SC-SC	OS2	9	LSZH	0.5Mtr	Each
779750	Fibre Patch Lead	Duplex	SM	SC-SC	OS2	9	LSZH	1Mtr	Each
798497	Fibre Patch Lead	Duplex	SM	SC-SC	OS2	9	LSZH	1.5Mtr	Each
779751	Fibre Patch Lead	Duplex	SM	SC-SC	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
800303	Fibre Patch Lead	Duplex	SM	SC-SC	OS2	9	LSZH	12Mtr	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

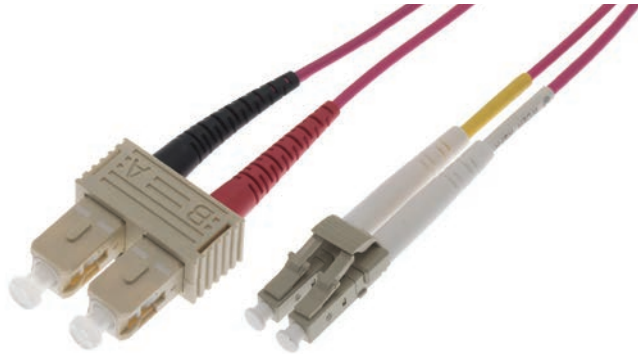


Colour: Aqua



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
792516	Fibre Patch Lead	Duplex	MM	LC-SC	OM3	50	LSZH	50Mtr	Each

# OM4 LC-SC Fibre Patch Leads



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

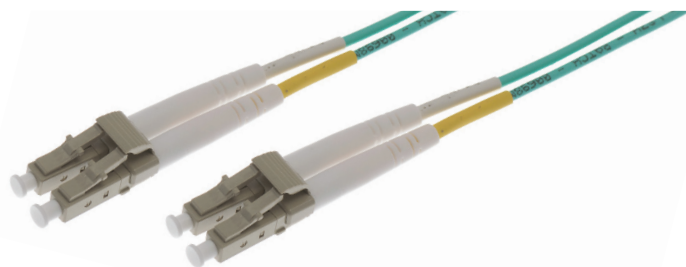
# OS2 LC-SC Fibre Patch Leads



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

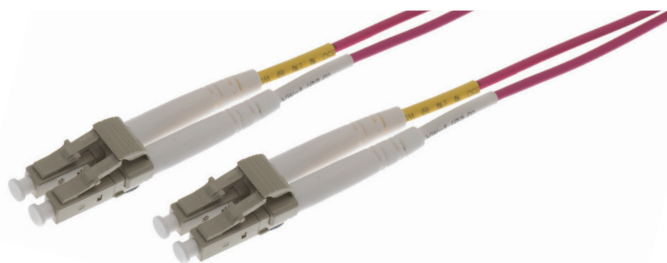


**BEND**  
INSENSITIVE

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
795811	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	0.25Mtr	Each
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
791613	Fibre Patch Panel	32 Way	MM	LC	16x 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 Pigtailes ST



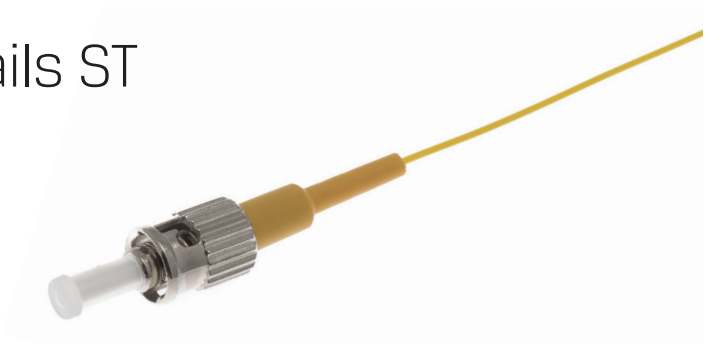
Item	Description	Type	Mode	Connector	Standard	Core Size	Colour	Length	UoM
777123	Fibre Pigtail	Tight Buffered	MM	ST	OM3	50	Aqua	1Mtr	Each
786072	Fibre Pigtail	Tight Buffered	MM	ST	OM3	50	Violet	1Mtr	Each
800280	Fibre Pigtail	Tight Buffered	MM	ST	OM3	50	White	1.5Mtr	Each

## OM4 Fibre Pigtailes ST



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

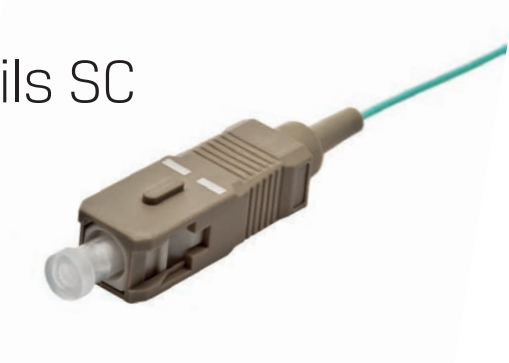
## OS2 Fibre Pigtailes ST



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 Pigtailes SC



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 Pigtailes SC



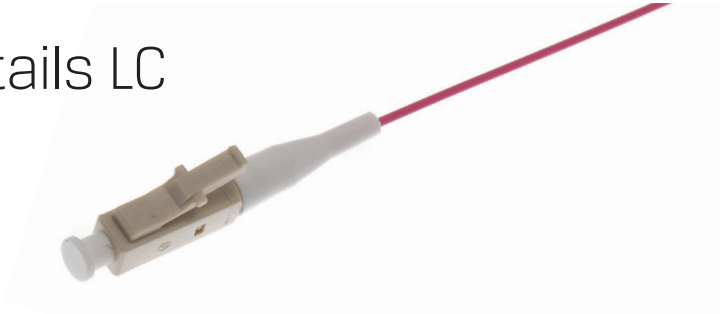
Item	Description	Type	Mode	Connector	Standard	Core Size	Colour	Length	UoM
802022	Fibre Pigtail	Tight Buffered	MM	SC	OM4	50	Aqua	1Mtr	Each
791759	Fibre Pigtail	Tight Buffered	MM	SC	OM4	50	Violet	1Mtr	Each

## OS2 Fibre Pigtailes SC



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

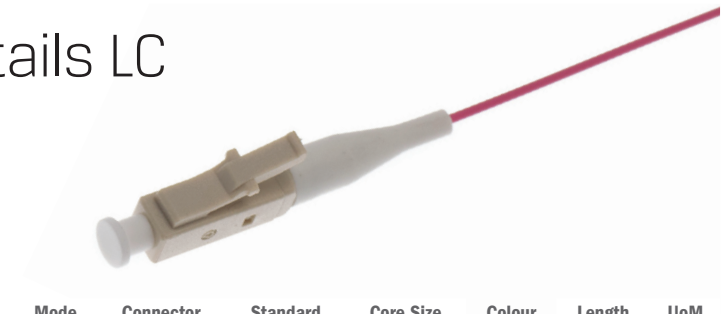
## OM3 Fibre Pigtails LC



**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

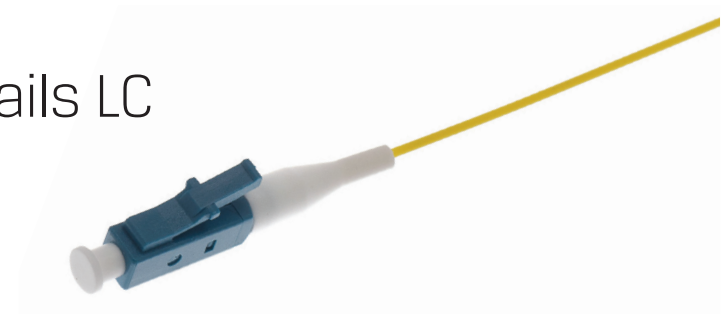
## OM4 Fibre Pigtails LC



**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

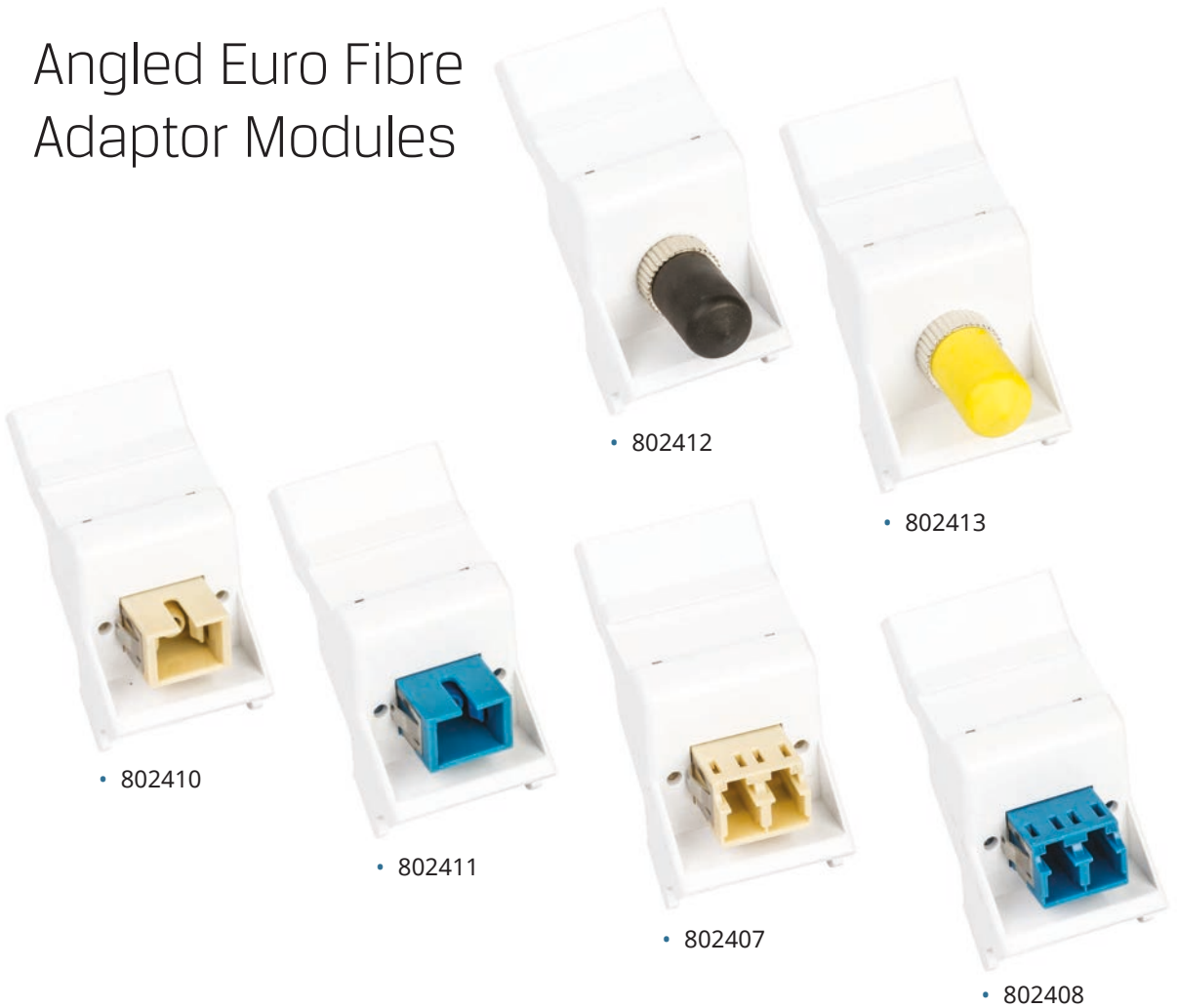
## OS2 Fibre Pigtails LC



**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

# Angled Euro Fibre Adaptor Modules



• 802410

• 802411

• 802412

• 802413

• 802407

• 802408

Euro modules for fibre to the desk (FTTD) applications

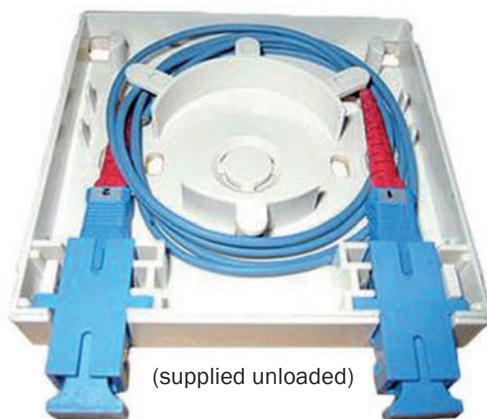
- Fit into all Ultima Euro faceplates
- Angled design helps manage fibre bend radius
- Multimode and singlemode options
- Protected labelling facility

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 FTTD Fibre to the Desk 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 standard wall fixing
- Supplied with 2 splice protectors, cable protecting tube, cable ties and port blanks (built into case moulding)
- Designed to fit a single gang UK socket back box (screws not supplied)



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

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# Fibre Termination Boxes IP54



Compact IP54 closure for the distribution and termination of fibre optic cables

- Accommodates SC Simplex or LC Duplex connectors (to be ordered separately)
- Ideal for use where there is no facility to mount a 19 inch 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 - IP54	Up to 4 Fibres	IP54	167mm	102mm	31mm
793665	Fibre Termination Box - IP54	Up to 8 Fibres	IP54	186mm	114mm	40mm

# Splice Protector



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
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 Trays

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 Clip

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

- 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

- 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

- 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 Fanout	12F	MM	OM3	50	LSZH	Aqua	2Mtr	Each
803336	Fibre Trunk Cable	MTP-LC Fanout	24F	MM	OM3	50	LSZH	Aqua	2Mtr	Each
798216	Fibre Trunk Cable	MTP-LC Fanout	12F	MM	OM4	50	LSZH	Aqua	2Mtr	Each
803337	Fibre Trunk Cable	MTP-LC Fanout	24F	MM	OM4	50	LSZH	Aqua	2Mtr	Each
798226	Fibre Trunk Cable	MTP-LC Fanout	12F	SM	OS2	9	LSZH	Yellow	2Mtr	Each
803338	Fibre Trunk Cable	MTP-LC Fanout	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 (803297)
- Cassettes are assembled using 12 fibre MTP connectors. For 24F connectors, please call.

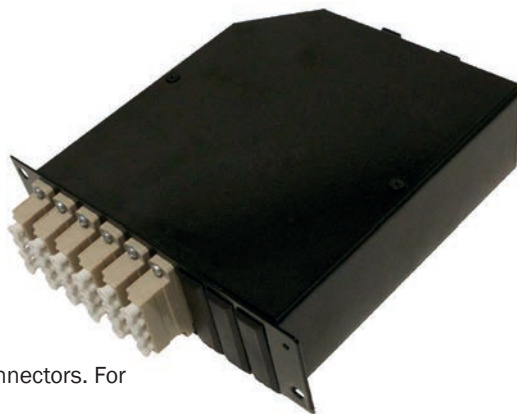


Item	Description	Way	Connection	Termination	Adaptor	Standard	Mode	UoM
803339	Cassette Module	12F	1x MTP	3x LC	Quad	OM3	MM	Each
803341	Cassette Module	24F	2x MTP	6x LC	Quad	OM3	MM	Each
803344	Cassette Module	48F	4x MTP	12x LC	Quad	OM3	MM	Each

## 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 (803297)
- MTP chassis panel accepts up to 3 cassettes achieving up to 144 fibre connections on 1U
- Cassettes are assembled using 12 fibre MTP connectors. For 24F connectors, please call.



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**

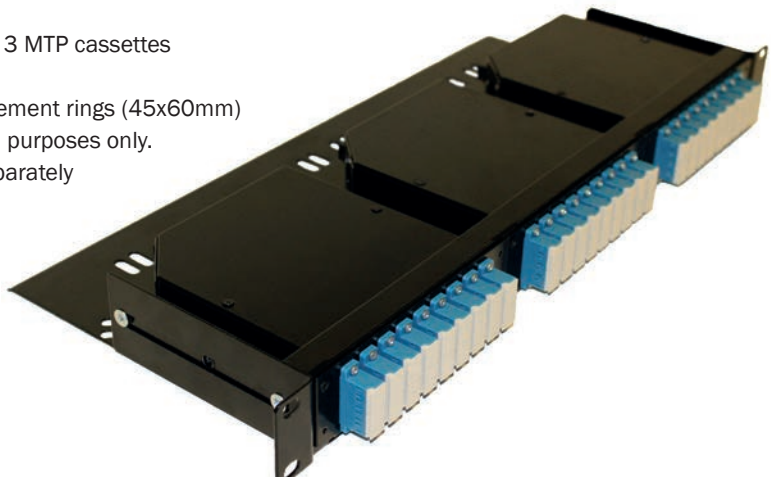
- Pre-terminated cassettes with MTP trunk connections at the rear
- Easy installation, moves, adds and changes
- LC Quad adaptors offer up to 48 fibre capacity
- Compatible with Ultima MTP 1U 3 Cassette Chassis (803297)
- Cassettes are assembled using 12 fibre MTP connectors. For 24F connectors, please call.

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	Fibre 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 Internal Cable on Reel

Standard cable for internal/external voice applications

- CW1308 PVC sheath internal cable
- 0.5mm Copper conductor
- CPR Euroclass Eca compliant



Item	Description	Pairs	Type	Sheath	Int/Ext	Colour	UoM
770634	Voice Cable	2 Pair	CW1308	PVC	Int	White	Reel Of 100Mtr
992918	Voice Cable	2 Pair	CW1308	PVC	Int	White	Reel Of 200Mtr
801721	Voice Cable	2 Pair	CW1308	PVC	Int	Black	Reel Of 200Mtr
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

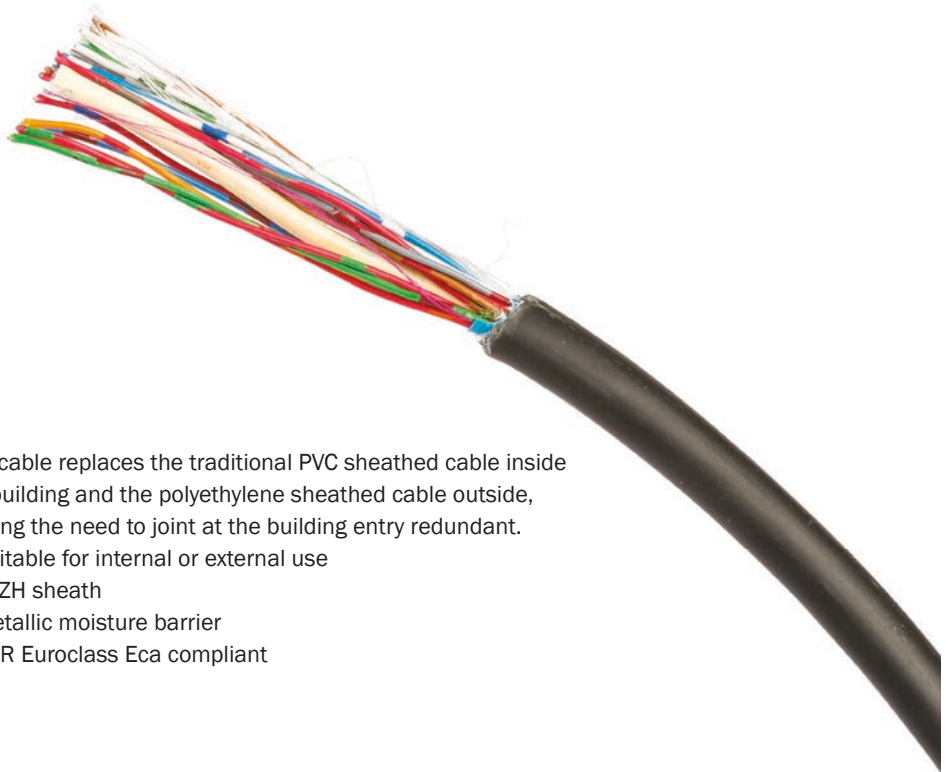
Standard cable for internal voice applications

- CW1308 LSZH sheath internal cable
- Includes 1.38mm solid copper earth-wire
- 0.5mm Copper conductor communication cables
- CPR 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
770684	Voice Cable	200 Pair +E	CW1308	LSZH	Int	White	Mtr

## CW1308B Internal/External Cable

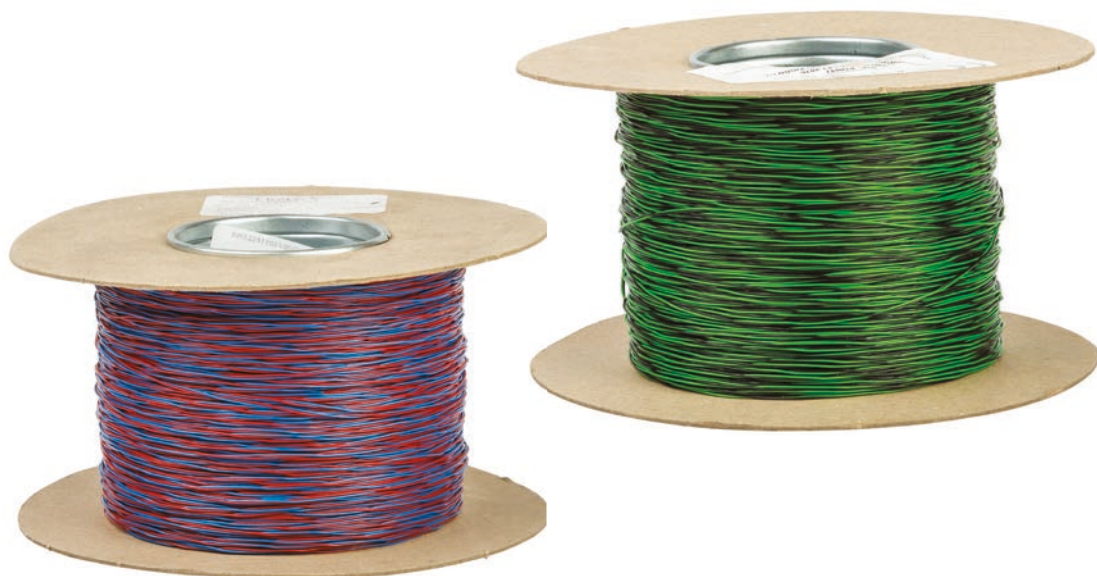


This cable replaces the traditional PVC sheathed cable inside the building and the polyethylene sheathed cable outside, making the need to joint at the building entry redundant.

- Suitable for internal or external use
- LSZH sheath
- Metallic moisture barrier
- CPR 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
794780	Voice Cable	200 Pair +E	CW1308B	LSZH	Int/Ext	Black	Mtr

# Jumper Wire



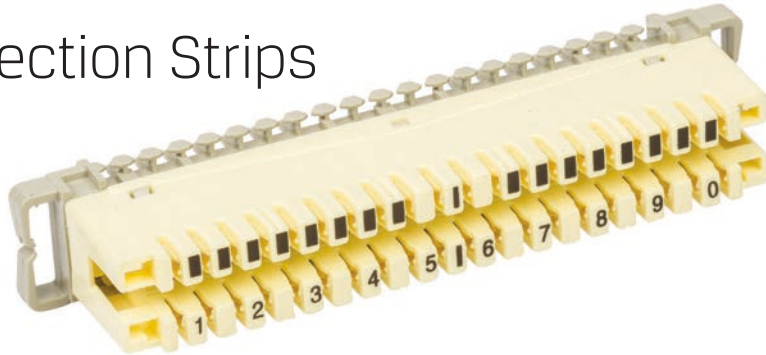
Used for the jumpering of services terminated on IDC blocks. CW1321 replaces CW1317 following the rationalisation of the colour codes

- Suitable for use with all IDC terminations

Item	Description	Pairs	Type	Colour	UoM
770398	Jumper Wire	1 Pair	CW1109	Green	Reel Of 500Mtr
770400	Jumper Wire	1 Pair	CW1321	Blue/Yellow	Reel Of 500Mtr
770401	Jumper Wire	1 Pair	CW1321	Black/Yellow	Reel Of 500Mtr
770402	Jumper Wire	1 Pair	CW1321	Black/Green	Reel Of 500Mtr
770403	Jumper Wire	1 Pair	CW1321	Red/Blue	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
770407	Jumper Wire	2 Pair	CW1321	Green/White/Red/Black	Reel Of 200Mtr



# Disconnection Strips 237A

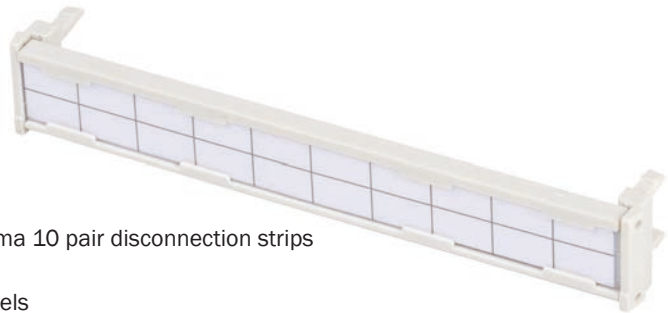


Used to joint up to 10 pairs of cable with full disconnection facility

- 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

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

# Designation Strips 51A



Hinged label holder for use on Ultima 10 pair disconnection strips

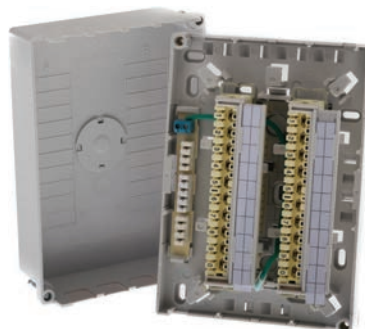
- Locates on the top of the strip
- A clear plastic cover protects labels
- Writing surface on both sides on the hinged flap
- Hinged design gives access to jumper wire and allows circuit testing without removing the label holder
- For additional labels please order 770892 (pk100)

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

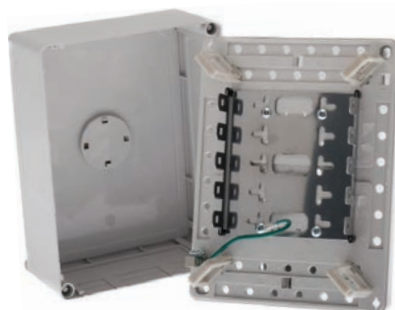


Item	Description	Location	Pairs	Type	Height	Width	Depth	UoM
774835	Box Connection	Internal	20 Pair	201D Style	170mm	120mm	55mm	Each

## Internal Box Connection 251A

50 pair box connection

- Designed to accept any 237 style 10 pair 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

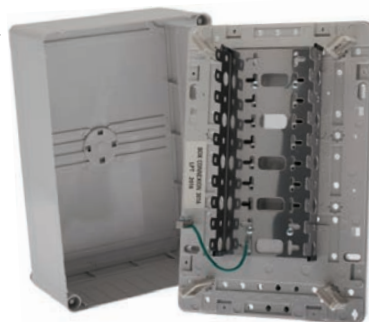


Item	Description	Location	Pairs	Type	Height	Width	Depth	UoM
770705	Box Connection	Internal	50 Pair	251A Style	210mm	160mm	90mm	Each

## Internal Box Connection 301A

100 pair box connection

- Designed to accept any 237 style 10 pair 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 devices



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, light weight 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

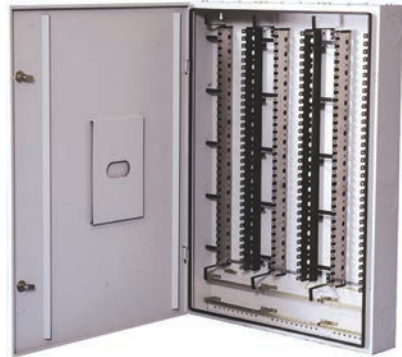


Item	Description	Location	Pairs	Style	Size	Material	Height	Width	Depth	UoM
770749	Box Connection	Internal	100 Pair	501A Style	Small	Metal	350mm	240mm	110mm	Each
770750	Box Connection	Internal	200 Pair	502 Style	Small	Metal	700mm	240mm	110mm	Each
770752	Box Connection	Internal	400 Pair	504 Style	Small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

## Distribution Frame 111B

Single vertical frame with capacity for up to 690 pairs

- Compatible with 105A, 108A and 108E distribution frames
- Frames can be mounted side by side or back to back
- Good cable and jumper management
- Modular design
- Connection strips sold separately

Item	Description	Type	Pairs	Fixing Holes	UoM
802183	Distribution Frame	111B	690 Pair	Wall Mounting	Each



## Distribution Frame 108A

Lightweight, modular frame

- Capacity for 1380 pairs
- Frames can be mounted side by side, back to back, wall mounted or free standing
- Modular design
- 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

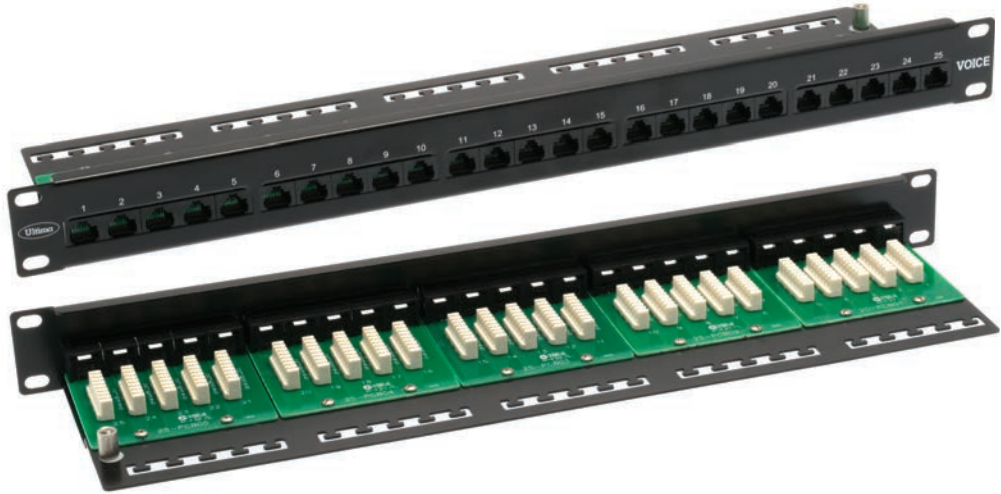
Extended version of distribution frame 108A

- Capacity for 1600 pairs
- Modular design
- Good cable and jumper management

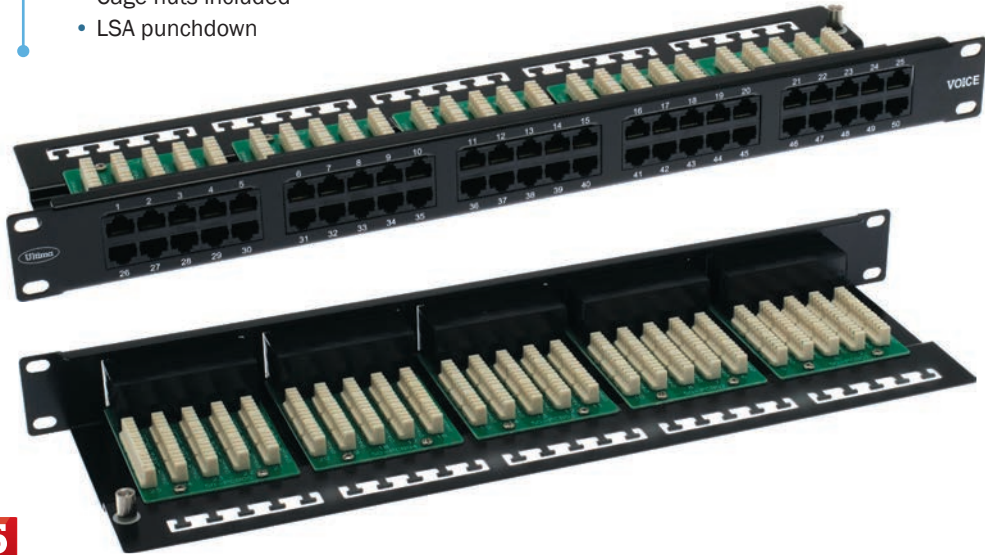
Item	Description	Type	Pairs	Verts	Height	Width	Depth	UoM
770781	Distribution Frame	80A	1600 Pair	Single Vertical	2250mm	570mm	150mm	Each



# Voice Patch Panels



- Voice panels with RJ45 ports
  - Enable patching of voice services in structured cabling systems
  - Suitable for all voice services
  - 6 IDC contacts per port
  - Cage nuts included
  - LSA punchdown



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 PCB Modules

Euro style voice modules fit the Ultima range of Euro faceplates

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



Item	Description	Category	Style	Jack Type	Colour	UoM
771837	PSTN Master	Voice	Euro	PCB	White	Each
791026	PSTN Master	Voice	Euro	PCB	Black	Each
771839	Secondary	Voice	Euro	PCB	White	Each
800503	Secondary	Voice	Euro	PCB	Black	Each
771838	PABX Master	Voice	Euro	PCB	White	Each
803808	PABX Master	Voice	Euro	PCB	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 annually 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 check list
  - 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](http://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 one year 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 an online warranty application form. As part of this application the UCI will need to provide;

- A completed final site certification check list
- 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 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.

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 cabling certifier tester, 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 relevant standards for open structured cabling.
- Test patch cords used for testing may only be of a type approved by the manufacturer for the tester being used.

## Important

- The test equipment shall support the standard for which the warranty is being sought
- The tester shall be calibrated in accordance with the tester manufacturer's requirements. If the current calibration date is not stored within the tester then the test results must be accompanied by a copy of the calibration certificate
- Where the date of the results is outside the 1 year calibration period, the results will not be accepted
- 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. If the current calibration date is not stored within the tester then the test results must be accompanied by a copy of the calibration certificate.
- Where the date of the results is outside the 1 year calibration period, the results will not be accepted.
- The tester shall be set to the correct fibre characteristics (e.g. Index of Refraction) as per the product’s published specifications.
- The test results should be submitted directly from the tester used and should include details relating to the settings for Range, Pulsewidth and Averaging Times.
- Fibre trace results should be submitted in the Bellcore format (.sor). For formats other than this, agreement must be sought in advance.
- Details of any launch lead used must be supplied with the test results and must include length and fibre type.
- 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

Testing limits with reference to 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
OS2 (9//125µm)	N/A	N/A	1.00	1.00	0.75	0.30
OM4 (50/125µm)	3.50	1.50	N/A	N/A	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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