



# Product Guide

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# Introduction

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

## Reliable and Cost Effective

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



## End-to-end Networking Solution

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

## Market Knowledge and Stability

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

## Stock and Availability

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

# Product quality is guaranteed



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



Ultima

# Category 5e

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

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

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

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

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

# Cat5e Cables



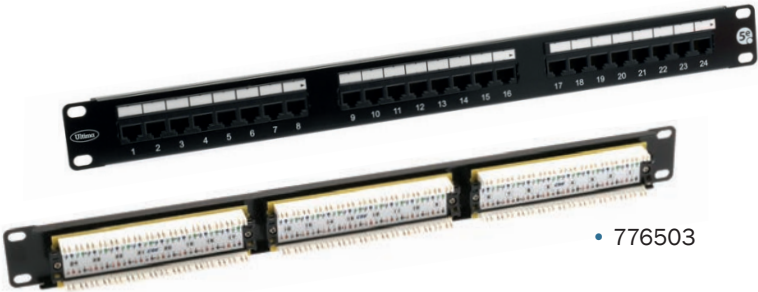
Unshielded 4 pair Cat5e cables to support applications up to 2.5G Ethernet

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



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

# Cat5e Rear Punch Patch Panels



• 776503



• 776504

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



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

# Cat5e Right Angle Patch Panels



• 771833



777649 •

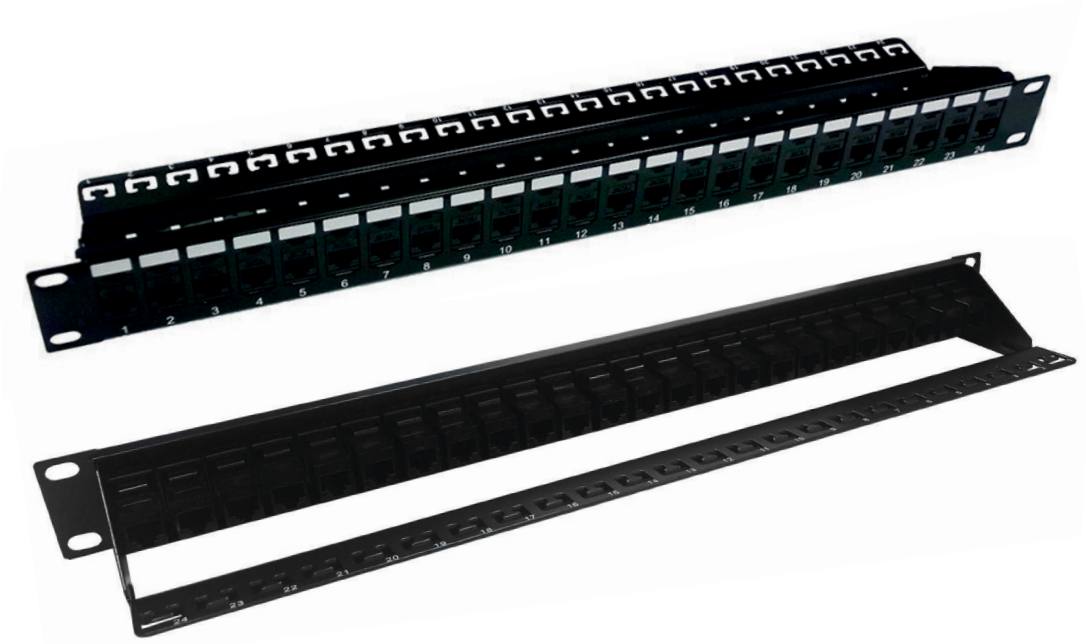


- Cat5e vertical punchdown 19" patch panels
  - Vertical punchdown terminations
  - LSA punchdown
  - PoE+ IEEE802.3at (30-33W) compliant
  - Supplied with cage nut kit



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

# Cat5e Through Coupler Patch Panel



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



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

# Cat5e Unloaded Patch Panel

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



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

# Cat5e Keystone Jacks



• 791597



• 781934

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



Item	Description	Category	Style	Type	Colour	UoM
791597	Keystone Jack	Cat5e	Through Coupler	Unshielded	Black	Each
781934	Keystone Jack	Cat5e	180 Deg Punchdown	Unshielded	White	Each

# Cat5e Modules



• 772412



• 771836



• 787117



• 778649

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

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

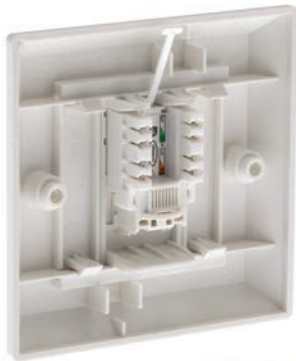


Item	Description	Category	Style	Type	Insert	Colour	UoM
772412	Low Profile Module	Cat5e	LJ6C	Unshielded	PCB	White	Each
787117	Low Profile Module	Cat5e	Euro	Unshielded	PCB	Black	Each
771836	Low Profile Module	Cat5e	Euro	Unshielded	PCB	White	Each
778649	Standard Module	Cat5e	Euro	Unshielded	PCB	White	Each

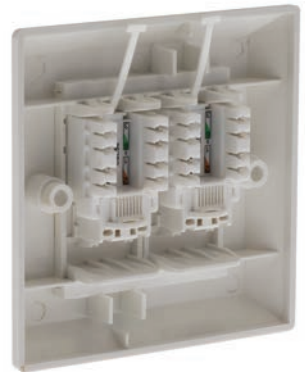
# Cat5e Assembled Outlets



• 777958



• 777961

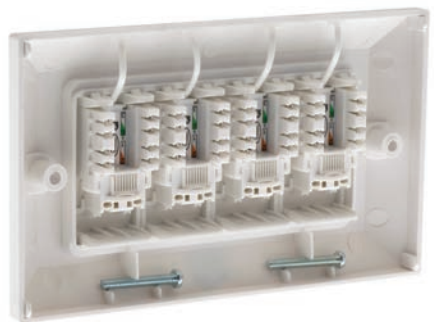


Bevelled faceplates with fitted Cat5e modules

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



• 783213



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

# Cat5e Contractor Pack



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

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



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

# Cat5e Disconnection Modules

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

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



816673 •



• 821668



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

## Cat5e RJ45 Coupler

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



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

## Cat5e IDC Inline Connector

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



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

## Cat5e RJ45 Economisers

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

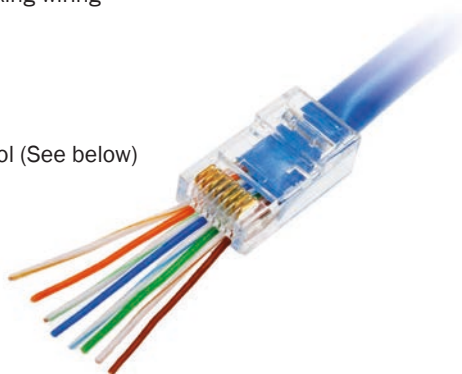


Item	Description	Type	Category	Colour	UoM
778911	RJ45 Splitter Economiser	Data/Data	Cat5e	Black	Each
783179	RJ45 Splitter Economiser	Voice/Voice	Cat5e	Black	Each
783180	RJ45 Splitter Economiser	Data/Voice	Cat5e	Black	Each

## Cat5e Fast-Fit RJ45 Plugs

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

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



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

## Fast-Fit Compact Crimp Tool

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

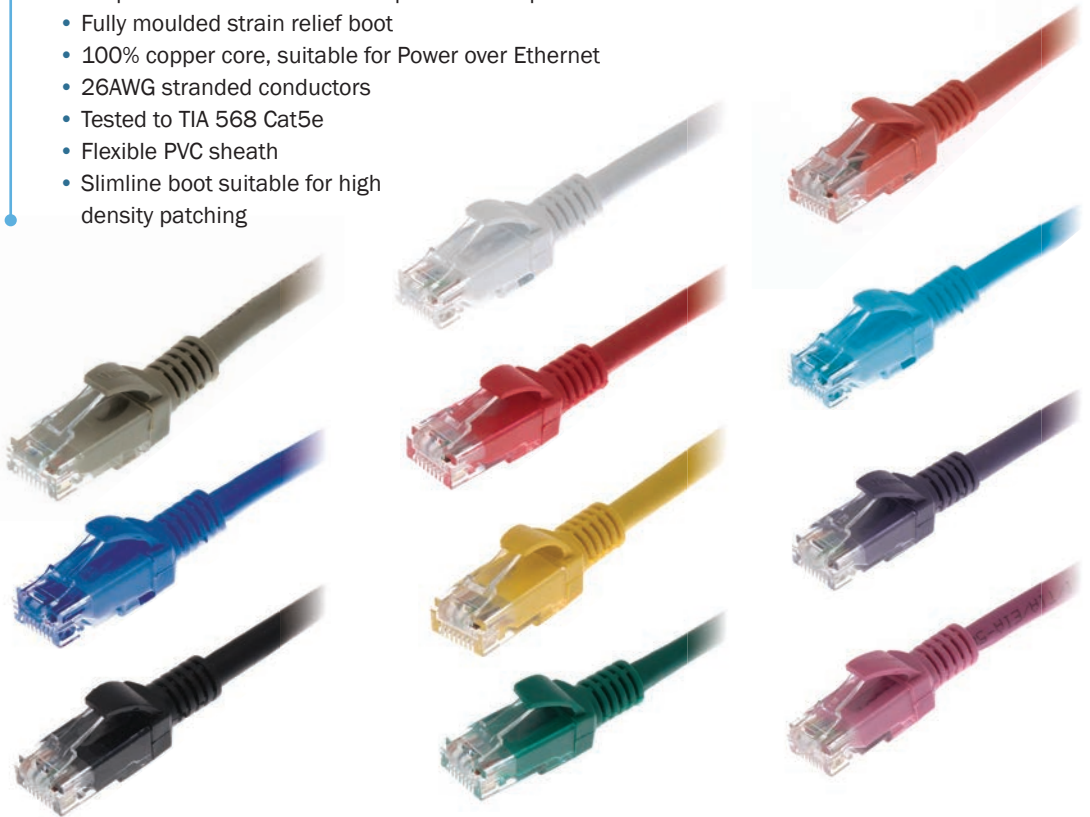
- Compact design
- Cuts and crimps at the same time
- Suitable for both shielded and unshielded Fast-Fit plugs



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

# Cat5e U/UTP Patch Leads

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



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

# Category 6

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

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

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

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

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

## Twist and Tangle-Free Packaging



# Cat6 Cables



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



Item	Conductor Type	Category	Type	Sheath	No of Pairs	CPR Euroclass	NVP Rating	Outer Dia	Colour	UoM
828602	Solid	Cat6	U/UTP	LSZH	4 Pair	Cca-s1a,d1,a1	65%	6.2mm	Violet	Box Of 305mtr
828603	Solid	Cat6	U/UTP	LSZH	4 Pair	Cca-s1a,d1,a1	65%	6.2mm	Orange	Box Of 305mtr
778134	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Violet	Box Of 305mtr
787207	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Orange	Box Of 305mtr
791939	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Blue	Box Of 305mtr
791942	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	White	Box Of 305mtr
793200	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Grey	Box Of 305mtr
791941	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Yellow	Box Of 305mtr
791940	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Green	Box Of 305mtr
816829	Solid	Cat6	U/UTP	LSZH	4 Pair	Eca	67%	5.9mm	Black	Box Of 305mtr
778133	Solid	Cat6	U/UTP	CM	4 Pair	Eca	67%	5.9mm	Grey	Box Of 305mtr
779619	Solid	Cat6	U/UTP	PE External	4 Pair	Fca	67%	5.9mm	Black	Reel in a Box

# Cat6 Rear Punch Patch Panels



• 820949

• 779333

• 827108

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

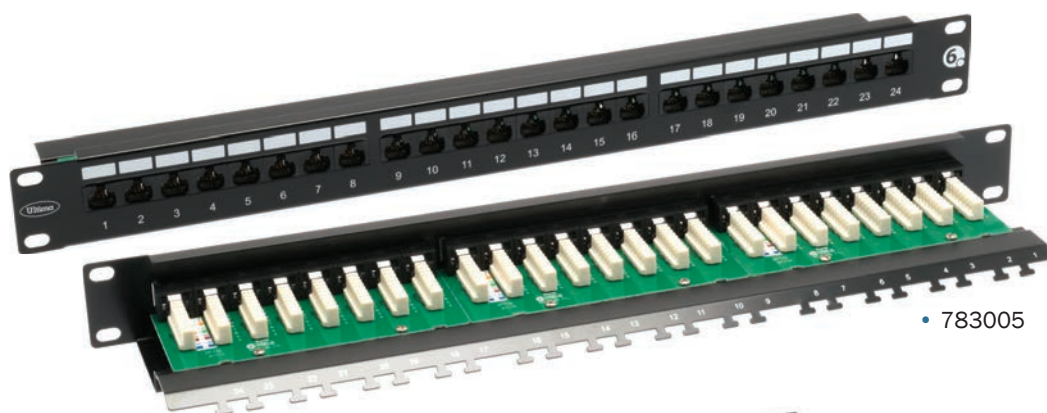


Item	Description	Category	Type	Ports	Orientation	Cable Management	Height	Width	Colour	UoM
820949	Patch Panel	Cat6	Unshielded	16Port	Rear Punch	With Rear Cable Management	1U	19"	Black	Each
779333	Patch Panel	Cat6	Unshielded	24Port (3x8)	Rear Punch	With Rear Cable Management	1U	19"	Black	Each
827108	Patch Panel	Cat6	Unshielded	24Port (4x6)	Rear Punch	With Rear Cable Management	1U	19"	Black	Each
795077	Patch Panel	Cat6	Unshielded	48Port (6x8)	Rear Punch	With Rear Cable Management	2U	19"	Black	Each

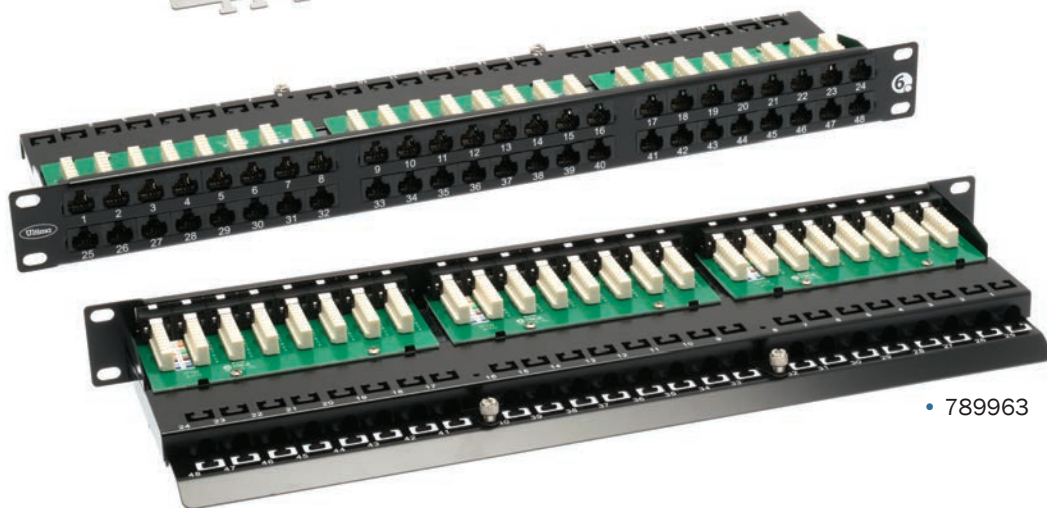
# Cat6 Right Angle Patch Panels

Cat6 vertical punchdown 19" patch panels

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



• 783005



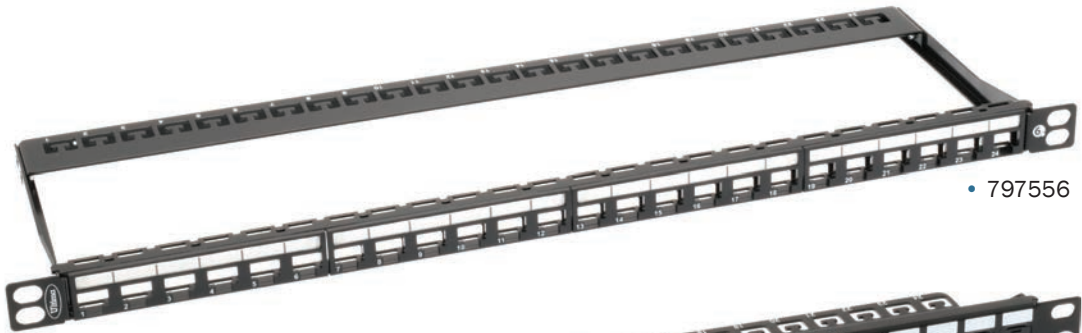
• 789963



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

# Cat6 Unloaded Patch Panels

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



• 797556



• 792387



• 797435



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

## Cat6 Through Coupler Patch Panel

Cat6 through coupler patch panel

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



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

**EASY**  
ORDERING



# Cat6 Keystone Jacks

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

Keystone Easy Termination Tools  
see page 55



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
781935	Keystone Jack	Cat6	180 Deg Punchdown	Unshielded	White	Each
792381	Keystone Jack	Cat6	180 Deg Punchdown	Unshielded	Black	Each
790014	Keystone Jack	Cat6	90 Deg Toolless HD	Unshielded	White	Each
792380	Keystone Jack	Cat6	90 Deg Toolless HD	Unshielded	Black	Each
789772	Keystone Jack	Cat6	180 Deg Toolless HD	Unshielded	White	Each
793782	Keystone Jack	Cat6	180 Deg Toolless HD	Unshielded	Black	Each

# Cat6 Modules

779332 •



• 779331



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

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

• 789845



796053 •



789835 •



791329 •



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

# Cat6 Surface Mounted Outlets



• 789793



• 789794

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

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



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

# Cat6 Assembled Outlets

Bevelled faceplates with fitted Cat6 modules

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



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

# Cat6 Contractor Pack



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



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

# Cat6 RJ45 Coupler

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



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

## Cat6 Weatherproof RJ45 Coupler

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

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

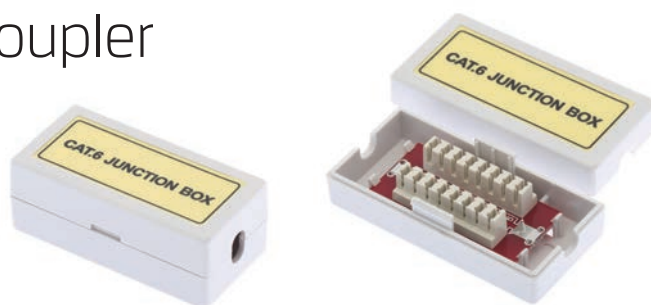


Item	Description	Category	Style	Type	Colour	UoM
820446	Coupler	Cat6	RJ45-RJ45	Shielded/Unshielded	Black	Each

## Cat6 IDC Inline Coupler

Cat6 IDC inline connector

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



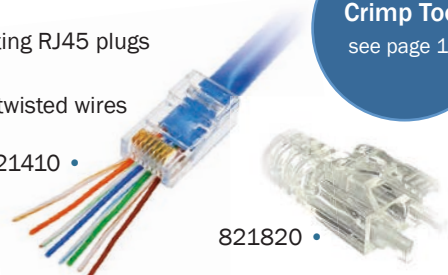
Item	Description	Category	Style	Type	Colour	UoM
777935	Inline Connector	Cat6	IDC Punchdown	Unshielded	White	Each

## Cat6 Fast-Fit RJ45 Plugs

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

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

821410 •



821820 •

Item	Description	Category	Type	Style	Colour	UoM
821410	Fast-Fit Plug	Cat6	Unshielded	RJ45	Clear	Pack Of 100
821411	Fast-Fit Plug	Cat6	Shielded	RJ45	Silver	Pack Of 100
821820	Fast-Fit Plug Boot	Cat6 Plugs	-	-	Clear	Pack Of 100

# Cat6 LSZH U/UTP Patch Leads

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



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

# Category 6A

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

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



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

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



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

# Cat6A Cables



Shielded Cat6A cables supporting applications up to 10G Ethernet

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



800144 •



810360 •



812108 •



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

# Cat6A Right Angle Patch Panel



Shielded Cat6A patch panels with vertical, PCB-mounted IDC punchdown terminations

- 798926 has hinged shutters on ports to prevent contact contamination
- 798926 has dual protected labelling facilities
- 360° Cable shield termination
- Integral cable management
- LSA punchdown
- Terminations colour coded for 568A & 568B wiring schemes
- Supplied with cage nuts kit
- PoE+ IEEE802.3at (30-33W) compliant

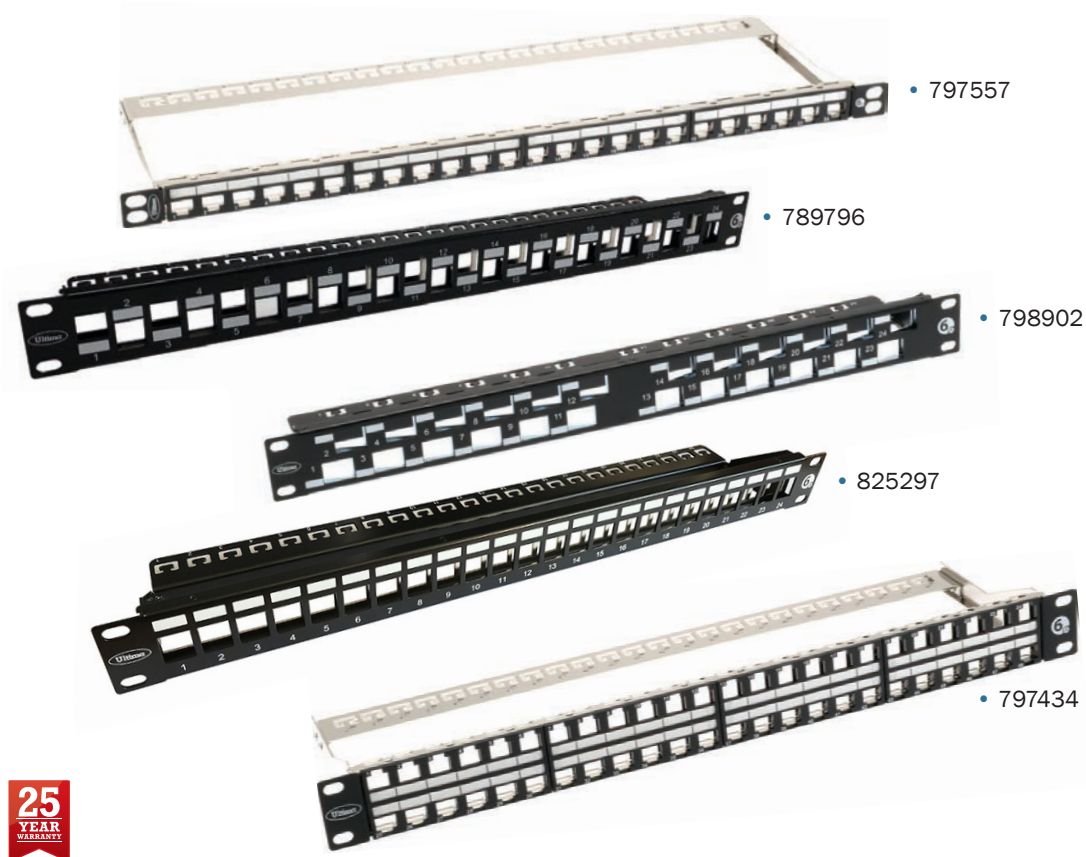


Item	Description	Category	Type	Ports	Orientation	Height	Width	Colour	UoM
798926	Patch Panel	Cat6A	Shielded	24Port	Right Angle	1U	19"	Black	Each
822781	Patch Panel	Cat6A	Shielded	24Port	Right Angle	1U	19"	Black	Each
821453	Patch Panel	Cat6A	Shielded	48Port	Right Angle	1U	19"	Black	Each

# Cat6A Unloaded Patch Panels

## Unloaded keystone patch panels

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



Item	Description	Category	Type	Ports	Jack Type	Cable Management	Height	Width	Colour
797557	Patch Panel	Unloaded Cat6A	Shielded	24Port	Keystone Jacks	With Rear Cable Management	0.5U	19"	Black
789796	Patch Panel	Unloaded Cat6A	Shielded	24Port	Staggered Keystone Jacks	With Rear Cable Management	1U	19"	Black
798902	Patch Panel	Unloaded Cat6A	Shielded	24Port	Angled Keystone Jacks	With Rear Cable Management	1U	19"	Black
825297	Patch Panel	Unloaded Cat6A	Shielded	24Port	Keystone Jacks	With Rear Cable Management	1U	19"	Black
797434	Patch Panel	Unloaded Cat6A	Shielded	48Port	Keystone Jacks	With Rear Cable Management	1U	19"	Black

# Cat6A Keystone Jack

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

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

**Keystone Easy Termination Tool**  
see page 55



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

# EASY ORDERING

## Cat6A RJ45 Coupler

RJ45 inline coupler for connecting RJ45 patch leads and Ethernet cables

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

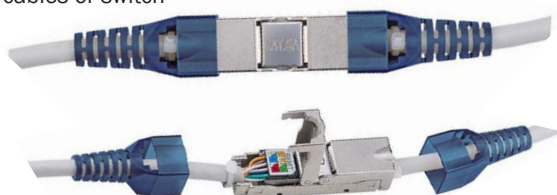


Item	Description	Category	Style	Type	Colour	UoM
789747	Coupler	Cat6A	RJ45-RJ45	Shielded	Silver	Each

## Cat6A Cable Extender

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

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



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

## Cat6A Field Termination RJ45 Plug

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

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



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

# Cat6A IP68 Field Termination RJ45 Plug

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

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



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

# Cat6A IP68 Bulkhead Mounting Outlet

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

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



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

# Cat6A IP68 Outlet

Surface mounting IP68 rated box with two Cat6A ports. Ideal for security camera connections, industrial applications, food preparation areas and other harsh environments

- IP68 connection when used with Ultima IP68 Field Termination Plug
- Toolless termination of Cat6A jacks
- Backwards compatible to Cat6 and Cat5e
- Ports fitted with protective caps for when not in use
- Supplied with 2 cable glands for cable with 5-10mm OD
- Screw fixing lid with screw head covers



Item	Description	Category	Termination	Jack Type	Colour	UoM
828353	Surface Mount Outlet	Cat6A	Toolless	Keystone	White	Each

# IP68 RJ45 Coupler

Designed to join cables terminated with RJ45 plugs, this weatherproof RJ45 coupler is IP68 rated, Cat6 or Cat6A compliant and suitable for both shielded and unshielded cabling

- RJ45-RJ45 coupler
- IP68 rated
- Backwards compatible
- Suitable for shielded and unshielded cables
- Cable OD 4-8mm
- PoE+ compliant to IEEE 802.3at



Item	Description	Diameter	Length	Shielding	Colour	UoM
830883	Weatherproof Coupler	28mm	120mm	Shielded/Unshielded	Black	Each

# Cat6A S/FTP Patch Leads



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

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

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

## Slim Cat6A S/FTP Patch Leads

Slim Cat6A shielded patch leads for high density patching applications

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



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

## External Cat6A S/FTP Patch Leads

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

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



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



**The  
right tool  
for the  
job**

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

# Plastics and Tools

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

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

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

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

## Flat Keystone Shutter

Flat Euro keystone shutter

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



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

## Angled Keystone Shutters

777678 •



781936 •



809242 •



792782 •



Angled keystone shutters

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

Item	Description	Style	Jack Type	Colour	UoM
777678	Angled Shutter	LJ6C	Keystone	White	Each
809242	Angled Shutter (Flat Front)	LJ6C	Keystone	White	Each
827865	Angled Adaptor	LJ6C	Keystone	White	Each
781936	Angled Shutter	Euro	Keystone	White	Each
819842	Angled Hinged Shutter	Euro	Keystone	White	Each
792782	Angled Hinged Shutter	Euro	Keystone	Black	Each

# Unshuttered Keystone Adaptors

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



• 791431



• 789774



• 816101



• 803724



• 803723



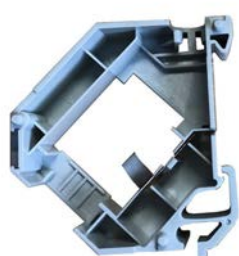
• 816102

Item	Description	Style	Jack Type	Colour	UoM
791431	Flat Unshuttered Adaptor	Euro	Keystone	White	Each
789774	Flat Unshuttered Adaptor	Euro	Keystone (x2)	White	Each
803724	Flat Unshuttered Adaptor	Euro	Keystone	Black	Each
803723	Flat Unshuttered Adaptor	Euro	Keystone (x2)	Black	Each
816101	Flat Unshuttered Adaptor	U6C	Keystone	White	Each
816102	Flat Unshuttered Adaptor	U6C	Keystone	Black	Each

## DIN Rail Module

Unloaded module for DIN rail mounting. Suitable for use with keystone copper, fibre optic and multimedia jacks

- For use with industry standard 35mm DIN rails
- Can be mounted side-by-side
- Side cover available
- Integral earthing clip
- Only 18mm (1HP) wide



- 816010  
supplied with right  
hand side cover



- 816011  
left hand side cover



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

## DIN Rail Box

Suitable for mounting on industry standard 35mm DIN rails this 8 port box will accommodate up to 8 keystone jacks.

Accepts copper, fibre and AV keystone jacks with earth bonding facility for shielded jacks

- Mount up to 8 keystone jacks
- Jack holders rotate for top or bottom cable entry
- Securely latches on to 35mm DIN rails
- Can also be mounted on any flat surface
- Supplied with fixing screws, labels and earth strap



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

# Flat Euro Faceplates

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



777680 •



772350 •



799848 •



• 772351



• 812551

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

# Flat LJ6C Faceplates

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



• 772809



• 772810



• 772811

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

# Single Gang Shuttered Keystone Faceplates



• 789777

Flat, single gang faceplates with integral shutters

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



• 789778



• 789969

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

# Bevelled Euro Faceplates

Accept all Ultima Euro modules, shutters and blanks

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



• 777679



• 777682

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

# Curved Euro Faceplates



• 783205



• 831657



• 831658

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

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

Item	Description	Type	Size	Socket	Height	Width	Colour	UoM
783205	Faceplate	Curved	Single Gang	2x Euro	86mm	86mm	Dark Grey	Each
783206	Faceplate	Curved	Double Gang	4x Euro	86mm	146mm	Dark Grey	Each
831657	Faceplate	Curved	Single Gang	2x Euro	86mm	86mm	White	Box of 10
831658	Faceplate	Curved	Double Gang	4x Euro	86mm	146mm	White	Box of 10

# Assembled Bevelled Euro Faceplates

Single gang bevelled faceplates pre-assembled with keystone shutters

- Protected port labelling facility
- Spring loaded shutters
- 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

# 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



## Surface Mount Back Boxes

- Single and double gang surface mount back boxes
  - Rear, top and side cut outs
  - Square corners
  - Available in a range of depths



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

## 110 Termination Tool

Punchdown tool for terminating wires on 110 IDC blocks

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



Item	Description	Type	UoM
770218	Termination Tool	110 Blocks	Each

## Inserter Wire 2A

Single wire insertion tool for LSA style IDC terminations

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



Item	Description	Type	UoM
773118	Inserter Wire 2A	LSA	Each

## Flush Cutting Nippers

Mini flush cutting nippers

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



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

# Cyclops Sheath Cutter

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

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



Item	Description	Cable Dia	UoM
823605	Cyclops Sheath Cutter	3mm-11mm	Each

# Keystone Easy Termination Tools

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

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



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

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# Cable Management

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

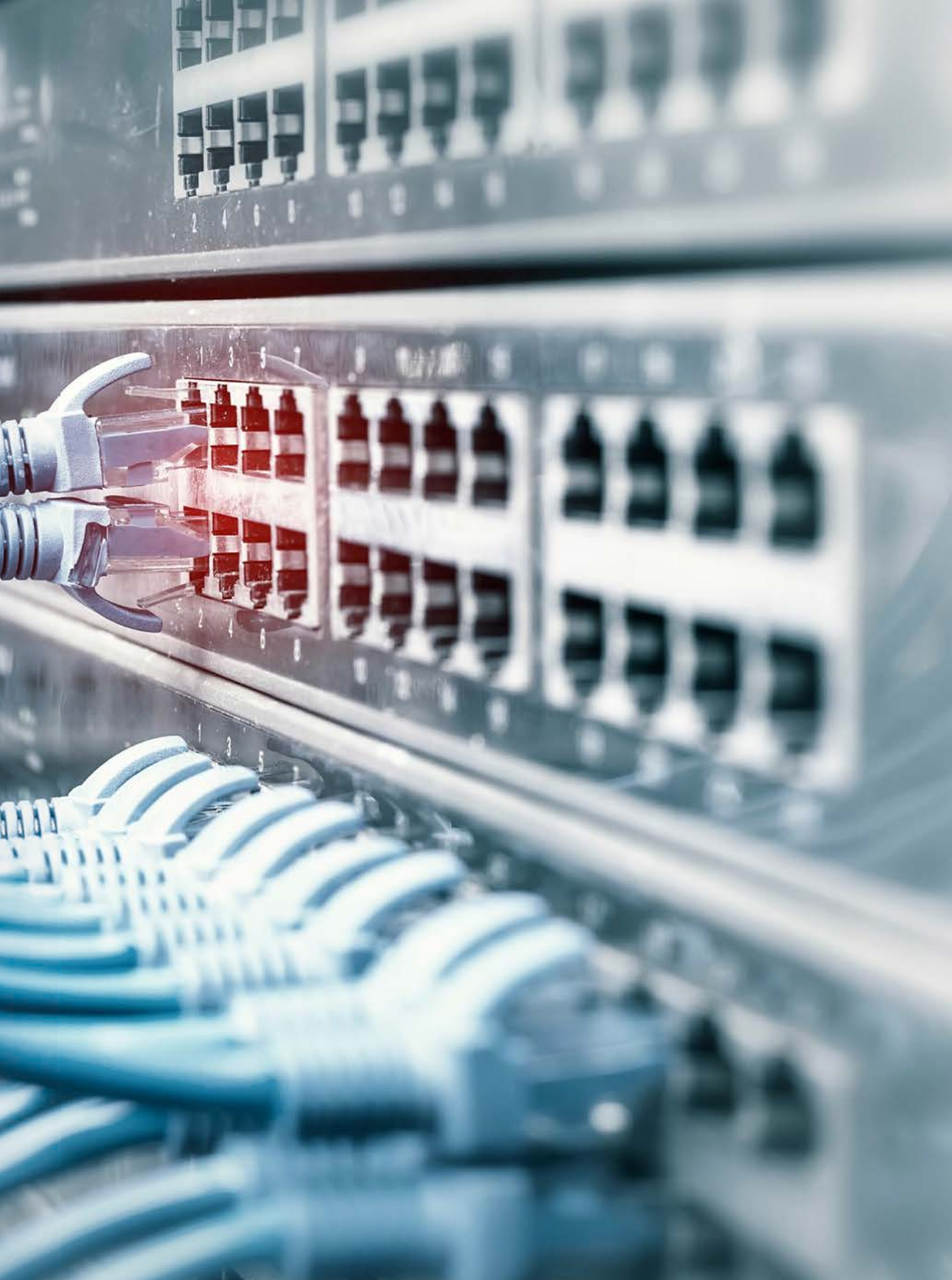
- Performance of the cabling system
- Diameter and flexibility of the patch leads
- Number of patch leads to be managed

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

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

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

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



## Protective Cable Matting

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

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



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

## Protective Cable Matting Tapes

Tape for joining cable matting

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



Item	Description	Type	Thickness	Width	Colour	Length	UoM
803094	Cable Matting Tape	'O' Class	3mm	50mm	Black	33Mtr	Each

# LJ6C POD Box Kits - Unloaded

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



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

# LJ6C Horizontal POD Boxes - Unloaded

For use beneath floors or can be attached to desks

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



• 1x2



• 1x8



• 1x4



• 2x4



• 1x6



• 2x6

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

# LJ6C Vertical POD Boxes - Unloaded

For use beneath floors or can be attached to desks

- Complete with cable tie fixing points and keyhole slots
- Screw fixing cover
- Rugged steel construction
- Durable powder coated finish
- 70mm depth should be used for Cat6A cabling



• 806326



• 797564



• 818462

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

# LJ6C Side Entry POD Boxes - Unloaded



• 779907

For use beneath floors or can be attached to desks

- Complete with cable tie fixing points and keyhole slots
- Screw fixing cover
- Rugged steel construction
- Durable powder coated finish
- Not suitable for use with angled keystone shutters



788567 •

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

## POD Box Brackets

POD box "L" fixing bracket


- Suitable for screw or adhesive fixing
- Cable tie point provided



Item	Description	Diameter
778434	L Bracket	20mm
778435	L Bracket	25mm
782715	L Bracket	32mm

# Cable Management Panels - Vertical Rings

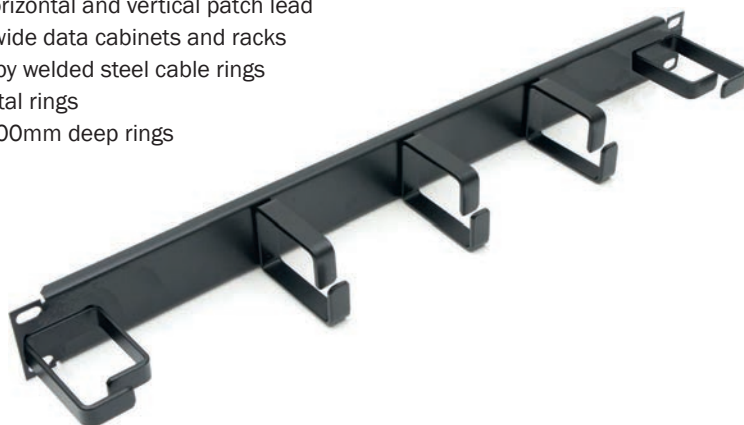
- Universal 19" mounting cable management panels
  - Ideal for ensuring good horizontal patch lead management in 19" data cabinets and racks
  - Management is provided by welded steel cable rings
  - Option for 4 or 5 rings
  - Available with 65mm or 100mm deep rings

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

## Cable Management Panels - Vertical/ Horizontal Rings

Universal 19" mounting cable management panels supplied complete with fixings

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



Item	Description	No of Rings	Ring Orientation	Height	Depth	Colour	UoM
786825	Cable Manager	5 Ring	3 x Vertical, 2 x Horizontal	1U	65mm	Black	Each

## Cable Dump Panels

19" cable dump panels

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



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

# Cable Managers, Hinged Covers





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



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

# Brush Strip Management Panels

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

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

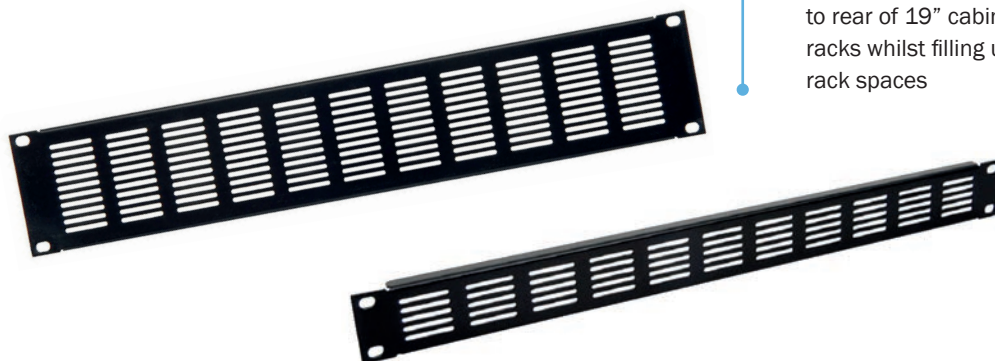
## Blanking Panels



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

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

## Vented Blanking Panels



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

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

# Cage Nuts and Bolts

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

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



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

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# Wall Boxes

Our wall boxes are supplied in easy to assemble on-site flat packs, ensuring safe carriage to the required destination while maintaining strength, durability, and ease of installation. Available in 450mm or 600mm depths, and 6 heights, from 6U through to 21U, there's a solution for everyone.

Features include adjustable 19" profiles, cable entry knockouts, lockable glass front doors, and a full range of accessories. Our flat pack range offers superior load performance – tested with 100KGs on the wall, more than enough for your installation.

Our 2 section and Minipatch models are supplied fully assembled.

House your  
network  
equipment with  
confidence



# Flat Pack Wall Boxes

Flat pack range of wall mount enclosures offering superior load performance

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

Supplied Flat Packed

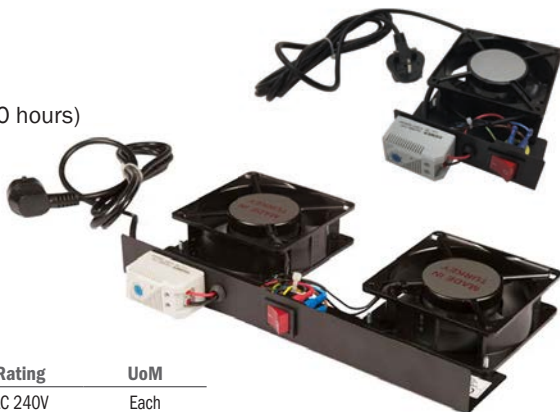
LOAD CAPACITY 100KG



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

## Fan Kits

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



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

## Shelves

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



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

## Levelling Feet and Castors

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



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

## Brush Panel

- Brush Panel for cable entry



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

## Accessories

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



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

# NEXT DAY UK DELIVERY



## 2 Section Wall Boxes

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



Item	Description	Sections	Weight	Height	Width	Depth	Colour	UoM
779167	Wall Box	2 Section	27.2Kg	9U	600mm	600mm	Grey	Each
779168	Wall Box	2 Section	30Kg	12U	600mm	600mm	Grey	Each
794485	Wall Box	2 Section	30Kg	12U	600mm	600mm	Black	Each
779169	Wall Box	2 Section	34.4Kg	15U	600mm	600mm	Grey	Each

# Minipatch 10 Cabinet

A 10" compact wall mounting cabinet suitable for small office/home office (SOHO) applications or for where there is insufficient space or demand for a 19" cabinet based solution

- Lockable, reversable toughened glass door
- Adjustable 10" mounting rails
- Top and bottom cable entry with brush strip and blanking plate
- Vented panels
- Rugged steel construction



Item	Description	Capacity	Weight	Height	Width	Depth	Colour	UoM
824460	Minipatch 10 Cabinet	9U	34.4Kg	464mm	312mm	300mm	Black	Each

## Minipatch 10 Patch Panels

Unshielded 10" patch panels for use in the Ultima Minipatch 10 cabinet

- 12 Ports in 1U
- Rear punchdown termination
- Dual block LSA/110 punchdown
- 568A and 568B wiring
- Port labelling facility



Item	Description	Category	Ports	Height	Width	Colour	UoM
805859	Minipatch 10 Patch Panel	Cat5e	12Port	1U	10"	Black	Each
805860	Minipatch 10 Patch Panel	Cat6	12Port	1U	10"	Black	Each

## Minipatch 10 Keystone Patch Panel

An unloaded 10" keystone patch panel compatible with a wide range of copper, fibre and multimedia AV keystone jacks

- Compatible with unshielded and shielded jacks
- Use with Cat5e, Cat6, Cat6A, Fibre and AV keystone jacks



Item	Description	Ports	Height	Width	Colour	UoM
824465	Minipatch 10 Keystone Patch Panel	12Port	1U	10"	Black	Each

# Minipatch 10 Accessories

A range of accessories for use within the Minipatch 10 cabinet

- Powder coated steel construction



• 805861



• 824459



• 805858



• 806043

Item	Description	Height	Width	Depth	Colour	UoM
805861	Minipatch 10 Patch Lead Management Bar	1U	10"	N/A	Black	Each
824459	Minipatch 10 Blanking Panel	1U	10"	N/A	Black	Each
805858	Minipatch 10 Equipment Shelf	1U	10"	250mm	Black	Each
806043	Minipatch 10 PDU 3-way 13A Switched	1U	10"	N/A	Black	Each

# Fibre Optic Cabling

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

## Singlemode or Multimode Fibre?

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

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

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

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

To minimise optical power losses throughout the cabled infrastructure we recommend the use of pigtailed cables 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
777078	Fibre Patch Lead	Duplex	MM	SC-SC	OM3	50	LSZH	10Mtr	Each
782338	Fibre Patch Lead	Duplex	MM	SC-SC	OM3	50	LSZH	20Mtr	Each

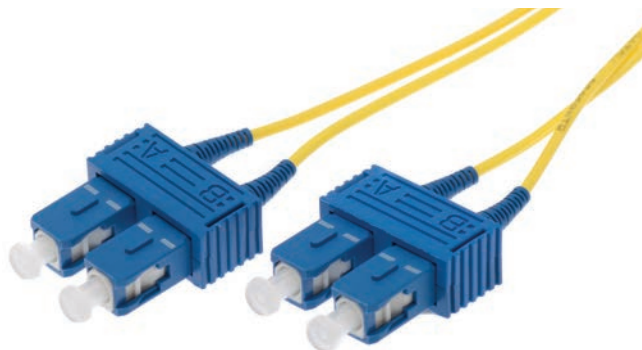
# OM4 SC-SC Fibre Patch Leads



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
804568	Fibre Patch Lead	Duplex	MM	SC-SC	OM4	50	LSZH	5Mtr	Each

## OS2 SC-SC Fibre Patch Leads

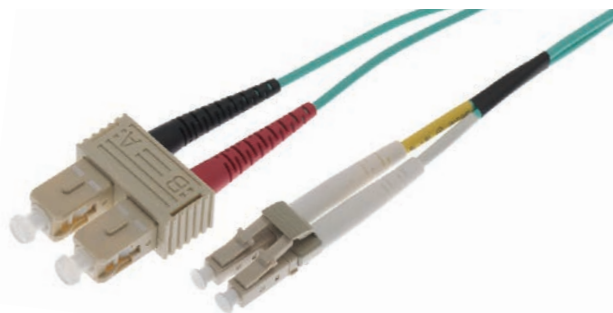


**BEND**  
INSENSITIVE

Colour: Yellow

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

## OM3 LC-SC Fibre Patch Leads

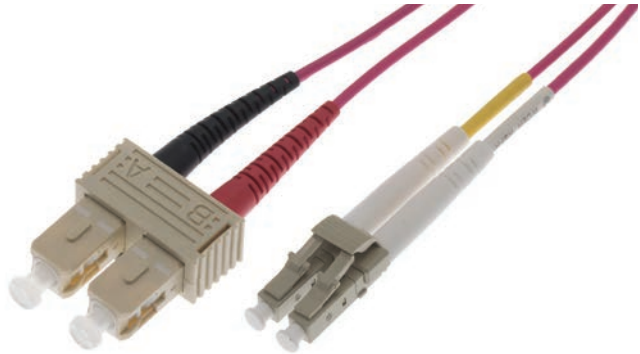


**BEND**  
INSENSITIVE

Colour: Aqua

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

# OM4 LC-SC Fibre Patch Leads



**BEND**

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

# OS2 LC-SC Fibre Patch Leads



**BEND**  
INSENSITIVE

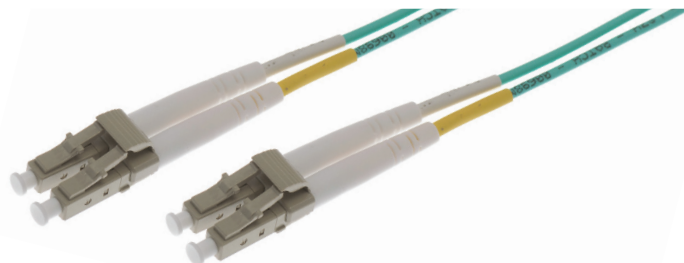
Colour: Yellow

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

## OM3 LC-LC Fibre Patch Leads

**BEND**  
INSENSITIVE

Colour: Aqua

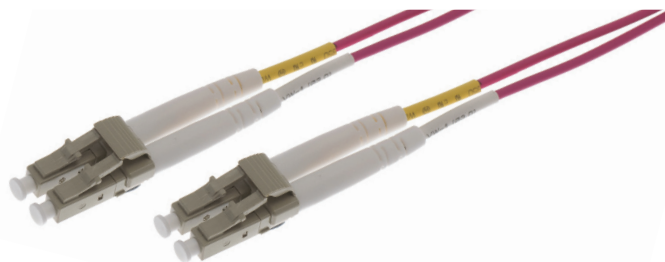


Item	Description	Type	Mode	Connector	Standard	Core Size	Sheath	Length	UoM
793641	Fibre Patch Lead	Duplex	MM	LC-LC	OM3	50	LSZH	0.5Mtr	Each
777079	Fibre Patch Lead	Duplex	MM	LC-LC	OM3	50	LSZH	1Mtr	Each
802364	Fibre Patch Lead	Duplex	MM	LC-LC	OM3	50	LSZH	1.5Mtr	Each
777080	Fibre Patch Lead	Duplex	MM	LC-LC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

## OM4 LC-LC Fibre Patch Leads

**BEND**  
INSENSITIVE

Colour: Violet



Item	Description	Type	Mode	Connector	Standard	Core Size	Sheath	Length	UoM
795810	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	0.5Mtr	Each
787678	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	1Mtr	Each
787760	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	2Mtr	Each
795809	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	2.5Mtr	Each
787761	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	3Mtr	Each
787762	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	5Mtr	Each
787763	Fibre Patch Lead	Duplex	MM	LC-LC	OM4	50	LSZH	10Mtr	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



**BEND**  
INSENSITIVE

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
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
801156	Fibre Patch Lead	Duplex	SM	LC-LC	OS2	9	LSZH	40Mtr	Each
798335	Fibre Patch Lead	Duplex	SM	LC-LC	OS2	9	LSZH	50Mtr	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
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
775857	Fibre Patch Panel	24 Way	MM	ST	24x Simplex	Sliding Drawer	Metal	Each
782366	Fibre Patch Panel	24 Way	SM	ST	24x Simplex	Sliding Drawer	Metal	Each

## SC Fibre Patch Panels

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



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

# LC Fibre Patch Panels



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



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

## OM3 Fibre Pigtails ST



**BEND**  
INSENSITIVE

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

## OM4 Fibre Pigtail ST



**BEND**  
INSENSITIVE

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

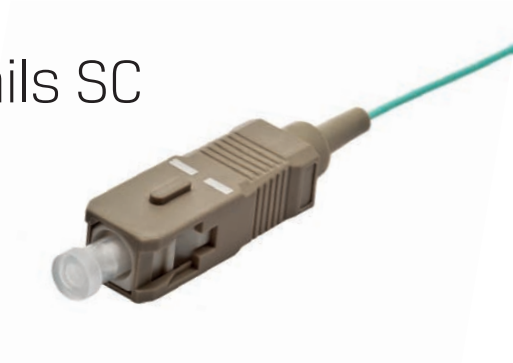
## OS2 Fibre Pigtail ST



**BEND**  
INSENSITIVE

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

## OM3 Fibre Pigtails SC



**BEND**  
INSENSITIVE

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

## OM4 Fibre Pigtails SC



**BEND**  
INSENSITIVE

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

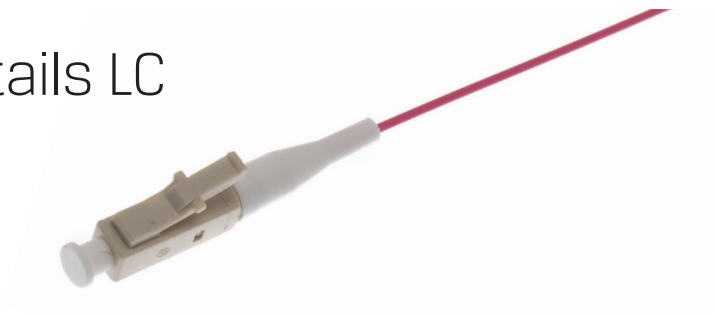
## OS2 Fibre Pigtails SC



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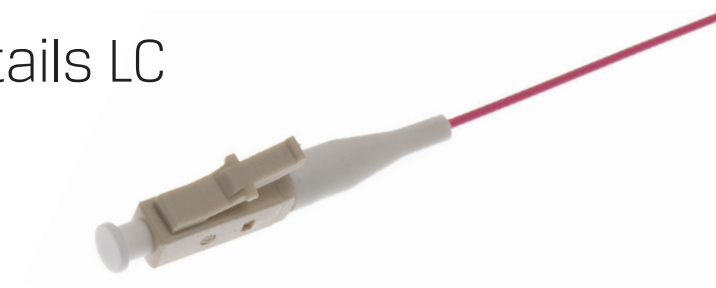
Item	Description	Type	Mode	Connector	Standard	Core Size	Colour	Length	UoM
772887	Fibre Pigtail	Tight Buffered	SM	SC	OS2	9	White	1Mtr	Each
789941	Fibre Pigtail	Tight Buffered	SM	SC	OS2	9	Yellow	1Mtr	Each
794778	Fibre Pigtail	Tight Buffered	SM	SC	OS2	9	White	1.5Mtr	Each

## OM3 Fibre Pigtails LC



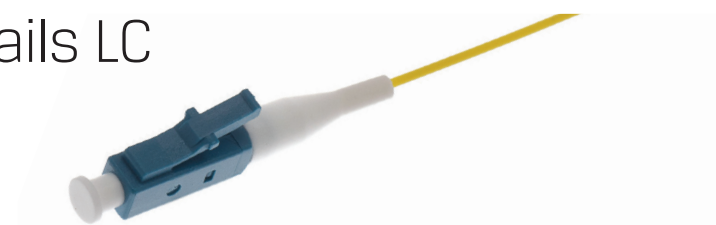
Item	Description	Type	Mode	Connector	Standard	Core Size	Colour	Length	UoM
799831	Fibre Pigtail	Tight Buffered	MM	LC	OM3	50	Aqua	1Mtr	Each
777124	Fibre Pigtail	Tight Buffered	MM	LC	OM3	50	Violet	1Mtr	Each
794942	Fibre Pigtail	Tight Buffered	MM	LC	OM3	50	Aqua	1.5Mtr	Each

## OM4 Fibre Pigtails LC



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

## OS2 Fibre Pigtails LC

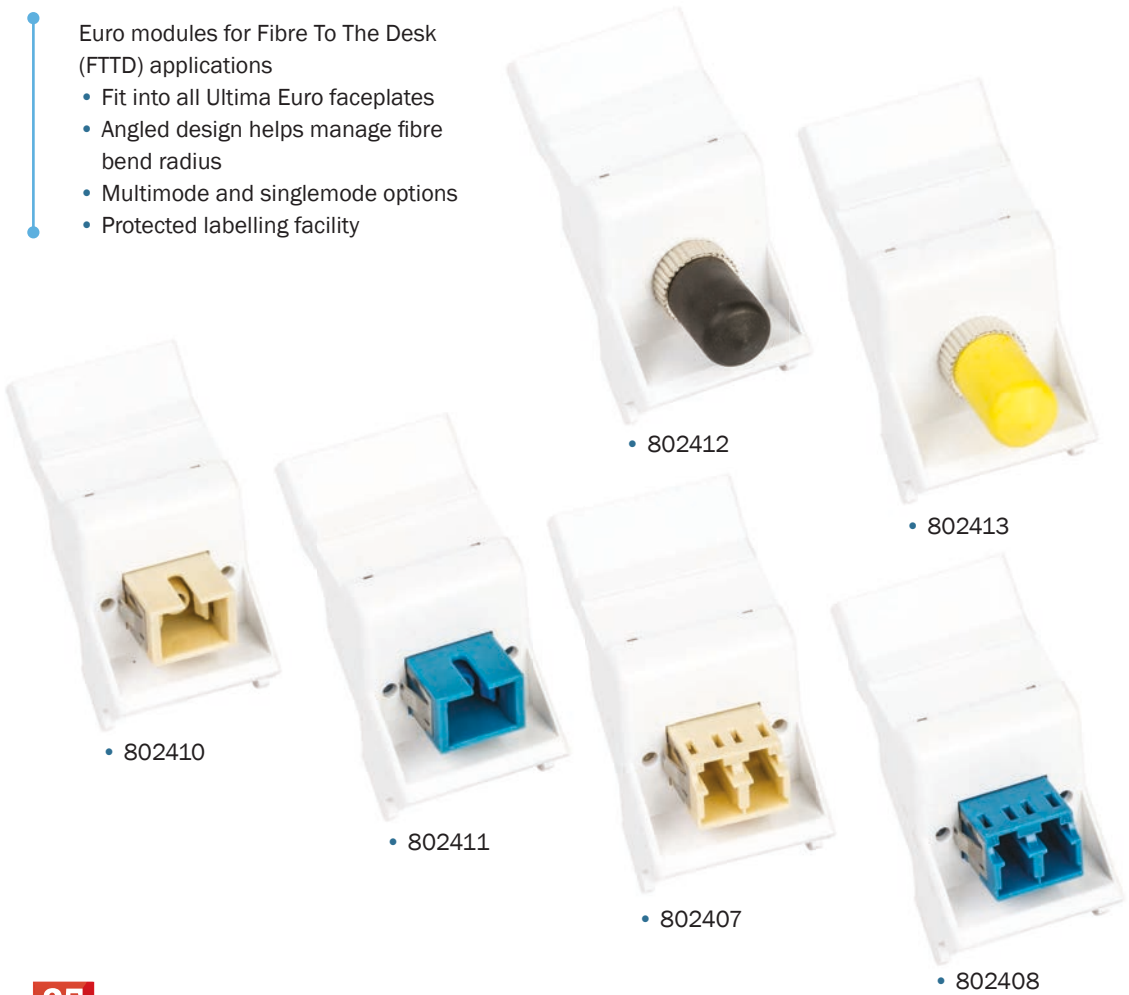


Item	Description	Type	Mode	Connector	Standard	Core Size	Colour	Length	UoM
775572	Fibre Pigtail	Tight Buffered	SM	LC	OS2	9	Yellow	1Mtr	Each
800272	Fibre Pigtail	Tight Buffered	SM	LC	OS2	9	White	1.5Mtr	Each
794777	Fibre Pigtail	Tight Buffered	SM	LC	OS2	9	Yellow	1.5Mtr	Each
819050	Fibre Pigtail	Tight Buffered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

# Angled Euro Fibre Adaptor Modules

Euro modules for Fibre To The Desk (FTTD) applications

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



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

## Fibre Wall Outlet (Compact)

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

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



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

## 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 splice protectors, cable protecting tube, & cable ties



Item	Description	Height	Width	Depth	Colour	UoM
807051	FTTD Fibre Wall Outlet	110mm	150mm	35mm	White	Each

# IP65 Fibre Termination Boxes



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

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

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

## Splice Protectors



- Used to protect fusion spliced joints
- Heat shrink polymer tube with rigid stainless steel bar

Item	Description	Diameter	Colour	Length	UoM
997194	Splice Protector	2.4mm	Clear	35mm	Pack Of 50
997209	Splice Protector	3.2mm	Clear	61mm	Pack Of 50

## Splice Holders

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



• 998372



• 998371



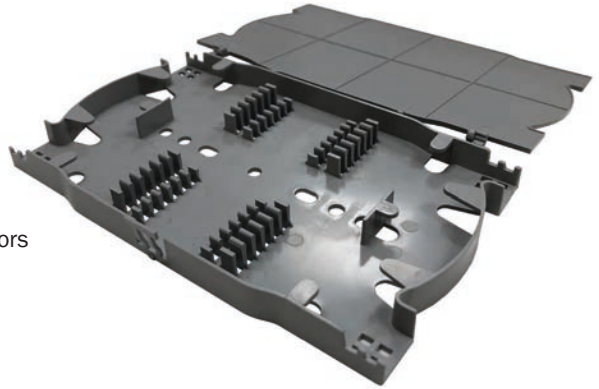
• 802562

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

## Fibre Splice Tray

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

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



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

## Twistlock Fixing Cable Clips

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

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



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



# Voice Cabling

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

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

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

## CW1308 PVC Internal Cable on Reel

Standard cable for internal voice applications

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



Item	Description	Pairs	Type	Sheath	Int/Ext	Colour	UoM
824118	Voice Cable	3 Pair	CW1308	LSF PVC	Int	White	Reel Of 100Mtr
824119	Voice Cable	4 Pair	CW1308	LSF PVC	Int	White	Reel Of 100Mtr
824120	Voice Cable	6 Pair	CW1308	LSF PVC	Int	White	Reel Of 100Mtr

## CW1308 LSZH Internal Cable Per Metre

Standard cable for internal voice applications

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



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

## CW1308B Internal/External Cables

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

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

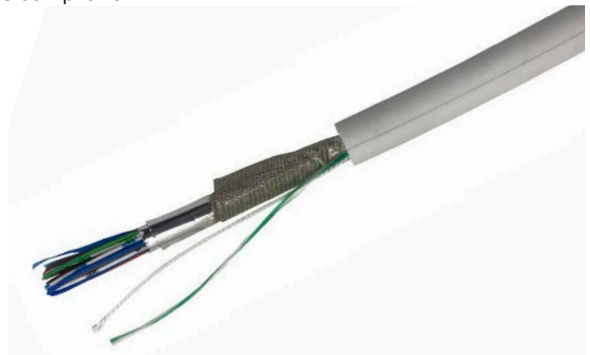


Item	Description	Pairs	Type	Sheath	Int/Ext	Colour	UoM
771712	Voice Cable	10 Pair +E	CW1308B	LSZH	Int/Ext	Black	Mtr
775924	Voice Cable	20 Pair +E	CW1308B	LSZH	Int/Ext	Black	Mtr
770451	Voice Cable	50 Pair +E	CW1308B	LSZH	Int/Ext	Black	Mtr
770452	Voice Cable	100 Pair +E	CW1308B	LSZH	Int/Ext	Black	Mtr

## CW1600 Euroclass Cca Voice Cables

Limited fire hazard internal telephone cables compliant with BT CW1600 specification

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



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

# Jumper Wire



• 770404



• 770414



• 770405

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

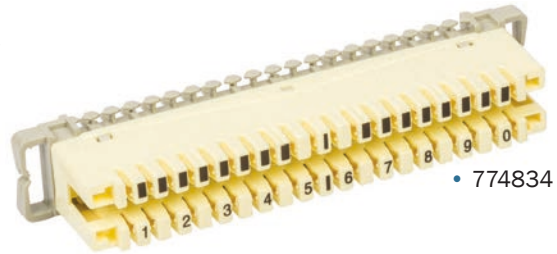
- Suitable for use with all IDC terminations
- 0.50mm solid copper conductors
- PVC insulation
- Meets the requirements of IEC 60189-1

Item	Description	Pairs	Type	Colour	UoM
770414	Jumper Wire	1 Pair	CW1321	Blue/Yellow	Reel Of 400Mtr
770400	Jumper Wire	1 Pair	CW1321	Blue/Yellow	Reel Of 500Mtr

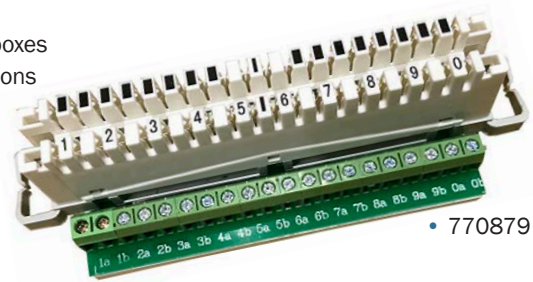
# Disconnection Strips 237A

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

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



• 774834



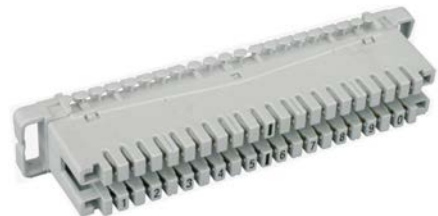
• 770879

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

# Connection Strips

Termination strips without disconnection contacts

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

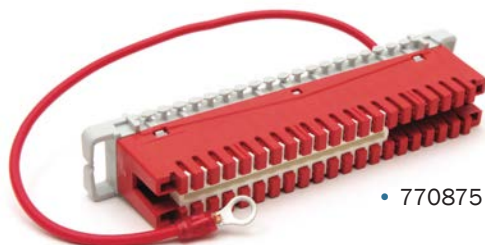


Item	Description	Pairs	Type	Colour	UoM
805515	Connection Strip 237B	10 Pair	Strip	White	Each

## Earthing Strips



• 992656



• 770875

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

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

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

## Designation Strips 51A



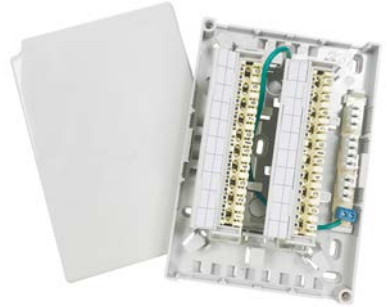
Hinged label holder for use on Ultima disconnection, connection and earthing strips

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

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

## Internal Box Connection 201D

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



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

## Internal Box Connection 251A

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



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

## Internal Box Connection 301A

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



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

# Metal Box Connections 500 Series

Lockable, metal connection boxes

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



Item	Description	Location	Pairs	Style	Size	Material	Height	Width	Depth	UoM
770749	Box Connection	Internal	100 Pair	501A Style	Small	Metal	350mm	240mm	110mm	Each
770750	Box Connection	Internal	200 Pair	502 Style	Small	Metal	700mm	240mm	110mm	Each
770752	Box Connection	Internal	400 Pair	504 Style	Small	Metal	700mm	420mm	110mm	Each
770753	Box Connection	Internal	340 Pair	510 Style	Large	Metal	1000mm	300mm	150mm	Each
990649	Box Connection	Internal	680 Pair	520 Style	Large	Metal	1000mm	500mm	150mm	Each
990604	Box Connection	Internal	1020 Pair	530 Style	Large	Metal	1000mm	750mm	150mm	Each
992608	Box Connection	Internal	1360 Pair	540 Style	Large	Metal	1000mm	925mm	150mm	Each

## IP65 Weatherproof Box



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

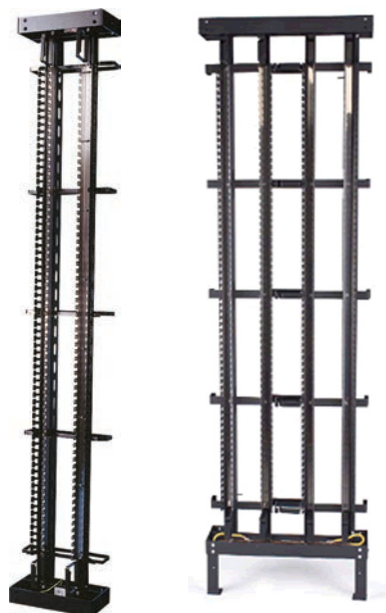
- Manufactured in durable polycarbonate
- IP65 rated
- Accepts 50mm x 25mm Euro data or voice modules (angled modules recommended)
- Padlock securing facility

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

## Distribution Frames 108A

Lightweight, modular frames

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



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

## Distribution Frame 80A

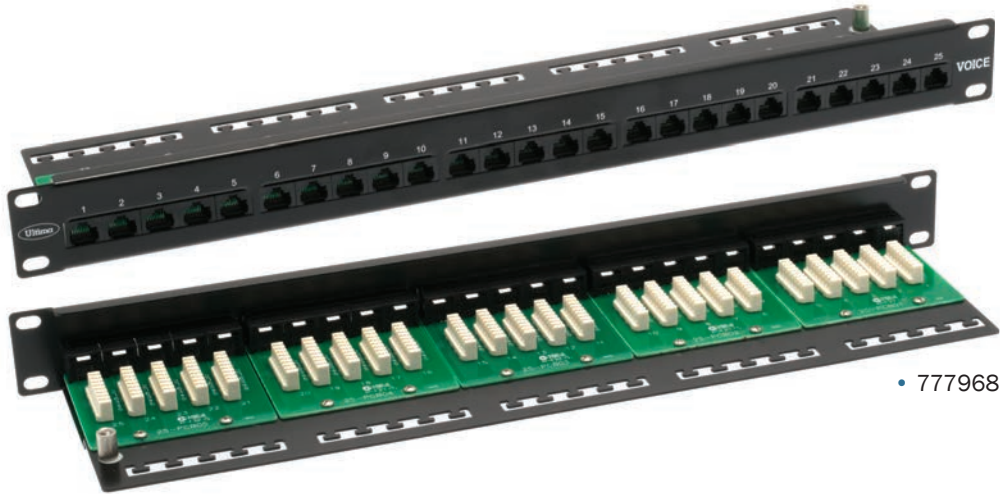
Extended version of distribution frame 108A

- Capacity for 1600 pairs
- Suitable for wall mounting, free-standing (additional feet required) or back to back installations
- Good cable and jumper management



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

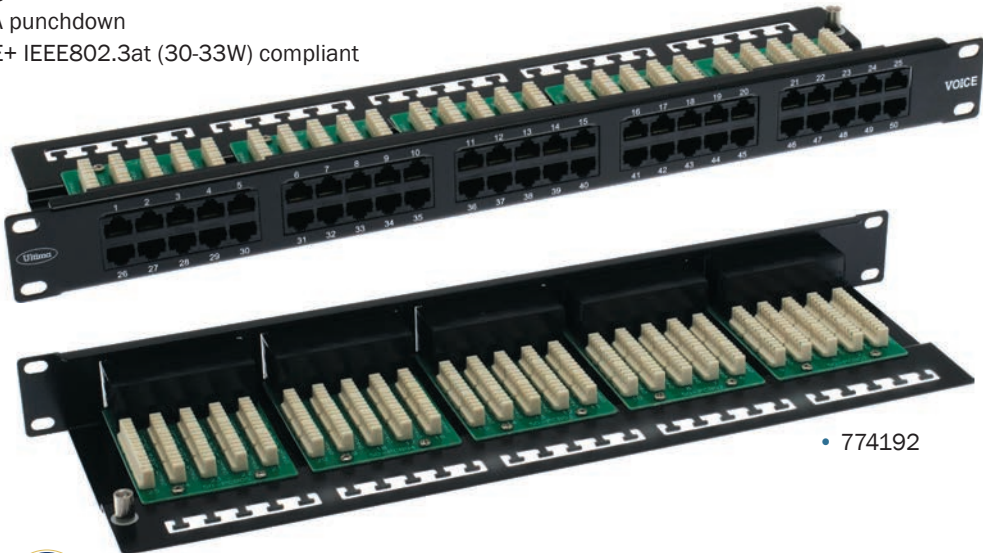
# Voice Patch Panels



• 777968

Voice panels with RJ45 ports

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



• 774192



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

# Voice Euro Modules

Euro modules with BT socket for voice and fax applications

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



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

## Line Adaptors

Enable equipment terminated with BT style plugs to be connected to structured cabling systems

- 150mm overall length
- Converts RJ45 sockets into standard BT style outlets
- PSTN master, PABX master and secondary adaptors are available



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

# AV Cabling

The Ultima Audio Visual and Coax line up includes a wide range of high quality, cost effective products to meet today's ever changing AV requirements.

From traditional coax cables through to High Speed 4K HDMI, Ultima AV solutions are designed to preserve backward compatibility while ensuring optimum performance when paired with the latest media technologies and extended distance demands.

Feature-rich Flat Screen Wall Mount brackets include swing and tilt options, inbuilt spirit levels and industry standard VESA sizing. Screen sizes of up to 100" and loads of up to 80kg are supported thanks to a robust steel construction, making them ideally suited to a variety of applications where value, flexibility and confidence are key.



# HT100 Coax Cable

A CT100 equivalent coax cable with a 1.00mm copper inner conductor, foam PE insulation, aluminium foil wrap, tinned copper braid and a PVC outer sheath

- CAI approval no.: CAI 0121 D
- CPR Euroclass Eca rated
- 75 Ohm

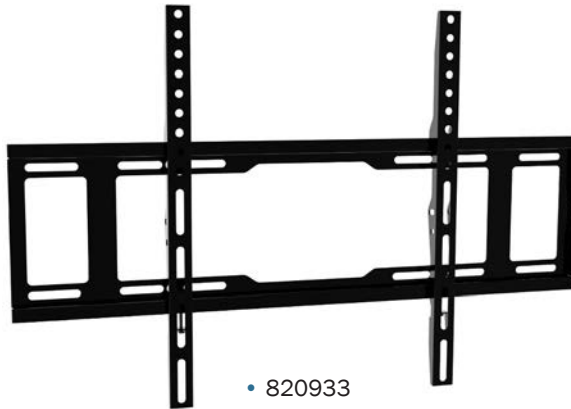


Item	Description	Cores	Sheath	CPR Rating	Colour	Diameter	Length
822206	HT100 Coax Cable	1 Core	PVC	Eca	White	6.6mm	100Mtr
822207	HT100 Coax Cable	1 Core	PVC	Eca	White	6.6mm	250Mtr

# Flat Screen Fixed Wall Mounts

A range of fixed wall mounts for TVs and monitors up to 70" (max. 50kg)

- Low profile mounting for tidy installation
- All brackets include fixing hardware
- Built in spirit level to aid installation
- 27mm between wall and rear of screen



Item	Description	Style	VESA Size (Max.)	Screen Size	Max. Load
820931	Flat Screen Wall Mount	Fixed	200x200	14" to 43"	35kg
820932	Flat Screen Wall Mount	Fixed	400x400	26" to 55"	45kg
820933	Flat Screen Wall Mount	Fixed	600x400	37" to 70"	50kg

## Flat Screen Tilt Wall Mounts

A range of tilting wall mounts for TVs and monitors up to 100" (max. 80kg)

- Low profile mounting for tidy installation
- All brackets include fixing hardware
- Built in spirit level to aid installation



• 822965



• 820934



• 820935



• 820936



• 820937

Item	Description	Style	VESA Size (Max.)	Screen Size	Max. Load	Tilt Angle	Distance to Wall
822965	Flat Screen Wall Mount	Tilt	100x100	14" to 27"	15kg	-5 to 15°	55mm
820934	Flat Screen Wall Mount	Tilt	200x200	14" to 43"	35kg	0 to 12°	30mm
820935	Flat Screen Wall Mount	Tilt	400x400	26" to 55"	45kg	0 to 12°	30mm
820936	Flat Screen Wall Mount	Tilt	600x400	37" to 70"	50kg	0 to 12°	30mm
820937	Flat Screen Wall Mount	Tilt	600x600	42" to 100"	80kg	-3 to 10°	55mm

# Flat Screen Full Motion Wall Mounts

- Wall mounts with swing and tilt motions for TVs and monitors up to 70" (max. 40kg)
- All brackets include fixing hardware
- Built in spirit level to aid installation



• 820947



• 820938



• 820937



• 820941



• 820940

Item	Description	Style	VESA Size (Max.)	Screen Size	Max. Load	Tilt Angle
820947	Flat Screen Wall Mount	Heavy Duty Full Motion	600x400	17" to 55"	40kg	-3 to 12°
820938	Flat Screen Wall Mount	Full Motion	200x200	14" to 43"	25kg	-5 to 15°
820937	Flat Screen Wall Mount	Full Motion	400x400	26" to 55"	35kg	-5 to 15°
820941	Flat Screen Wall Mount	Full Motion	400x400	26" to 55"	35kg	-10 to 12°
820940	Flat Screen Wall Mount	Full Motion	600x400	37" to 70"	35kg	-3 to 12°

# 4K HDMI Leads, High Speed Ethernet

HDMI V2.0 compliant cables with gold plated contacts, compatible with 4K-UHD

- V2.0 HDMI cables with Ethernet channel support
- HDCP 2.2, offering up to 4K 60Hz 4:4:4 18.2 Gbps bandwidth
- Support 3840 x 2160 resolution



- 812633
- 783573
- 816175



- 786084
- 783570
- 783571
- 783572
- 789033



- 816296

Item	Description	Resolution	Speed	Colour	Length
786084	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	0.7Mtr
783570	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	1Mtr
783571	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	1.8Mtr
812633	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	2Mtr
783572	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	3Mtr
783573	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	5Mtr
789033	HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	7.5Mtr
816175	HDMI Lead with High Speed Ethernet	4K 30Hz	18Gbps	Black	10Mtr
816296	HDMI Lead with High Speed Ethernet	4K 30Hz	18Gbps	Black	15Mtr

## Active HDMI Leads 4K UHD 60Hz

HDMI leads featuring an active chipset to allow for longer lead lengths and less signal degradation, supporting 4K 60Hz 4:4:4 resolutions at 18Gbps bandwidth

- 4K 60Hz image support up to 30m with active chipset
- Cables must be installed in correct direction, IN at source and OUT at TV
- Shielded cable for reduced interference
- PVC high quality, flexible, durable cable sheath
- HDCP 2.2 compliant with gold plated contacts



Item	Description	Resolution	Speed	Colour	Length
823607	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	7.5Mtr
821719	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	10Mtr
817517	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	15Mtr
817518	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	20Mtr
818031	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	25Mtr
818033	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	30Mtr

## Blueline 4K HDMI Leads

4K 60Hz HDMI leads for connecting Blu-Ray, Sky HD, consoles, etc. to LCD TVs; also supporting 3D TVs and Ethernet over HDMI. Support deep colour with Ethernet and audio return

- 4K 60Hz 4:4:4 18Gbps resolution and bandwidth on all lengths
- DCI 4K 4096 x 2160 up to 5m
- Support rich natural colours and high contrast
- High quality PVC/TPE flexible, durable cable sheath
- 24ct gold-plated plug contacts
- HDCP 2.0 compliant



Item	Description	Resolution	Speed	Colour	Length
823402	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	0.5Mtr
789064	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	1Mtr
789065	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	2Mtr
789066	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	3Mtr
789067	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	5Mtr
823403	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	7.5Mtr
789069	Blueline HDMI Lead with High Speed Ethernet	4K 60Hz	18Gbps	Black	10Mtr

# Ultima System Warranty



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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).

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## Ultima Certified Installers

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

## Warranty Process

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

- 1 [Ultima Installer Accreditation](#)
- 2 [Warranty Application](#)
- 3 [Warranty Issue](#)
- 4 [Warranty Claim](#)

# Ultima Warranty Process

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

Structured Cabling • Fibre Cabling • Voice Cabling • Cabinets

1

## Ultima Installer Accreditation

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

2

## Warranty Application

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

3

## Warranty Issue

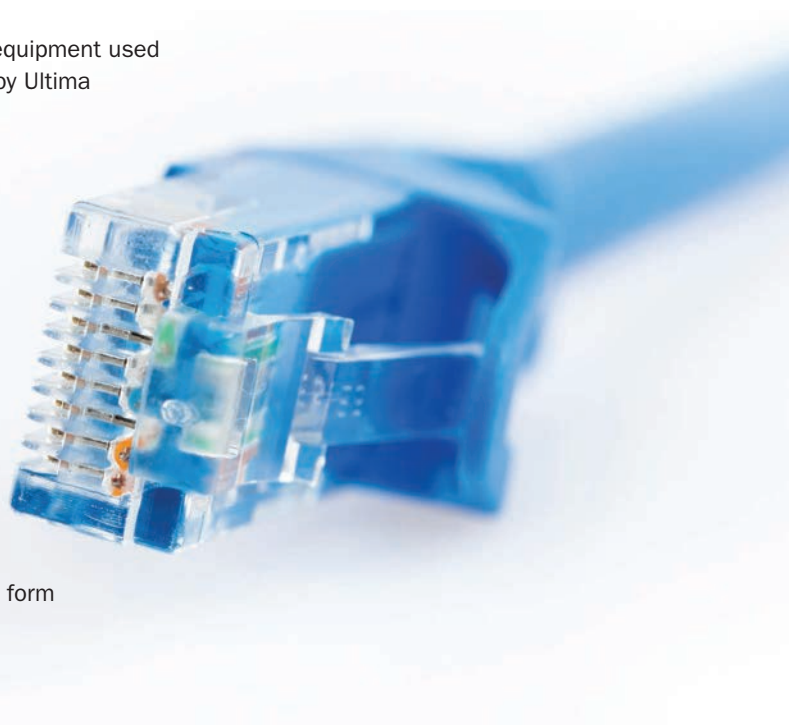
Warranty Certificate issued



## Warranty Claim

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

All forms are available to download at [www.ultima-comms.com](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 two years only. Re-certification will be required after this time. If certification has already been received and is valid please proceed to step 2.

2

## Warranty Application\*

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

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

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

3

## Warranty Issue

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

\*To be completed by the UCI



# What is covered by the Warranty?

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

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

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

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

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

# Structured Cabling, Cat5e, Cat6 and Cat6A Warranty

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

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

All links must be installed and tested by an Ultima Certified

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

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

## Copper (Horizontal 4 pair)

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

## Important

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

# Fibre Optic Warranty

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

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

## Maximum Allowable Link Losses in Accordance with ISO 11801

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

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

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

Ultima warrants the following:

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

# Warranty Claim

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

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

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

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

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

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

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





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