WallPATCH
TECHNICAL DATA SHEET
FTP Cat. 6A, (10Gb/s) Cat. 6 and 5E compatible.
Integrated in a box.

Product summary :

WallPatch is designed for the network installers to answer their needs in the desk environment. Installed near the RJ45 terminal outlets, it facilitates the RJ45 patch cords management:
- **Cat 6A U/FTP** RJ45 patch cord in a patented design box. Plug protection caps included.
- Always at the right length, it fits with 95% of the users' needs in working spaces. It keeps your space clean.
- Just push the central button! Exclusive "Push to open" patented design perpendicular from the wall for using in narrow spaces or for placing it directly near the outlets (see photo below).
- WallPatch is designed to fit with the other electrical output, it's clean and discreet.
- Easy installation, no tools needed. Adhesive pads included.

Patch Cord :

WallPATCH integrated patch cord is designed and individually tested for connections between the network equipment and terminal outlets. They are guaranteed for cat 6A, cat 6 and cat 5E, to get a Channel Link certified on a Permanent Link certified for transmission frequencies of up to 500 MHz. They are compatible with the 10 Gb/s applications.

WallPATCH patch cord main characteristics

- Small cable diameter
- Certified for 10 Gb/s applications.
- Individually tested: each patch cord is individual tested (Return Loss, Attenuation, NEXT, etc…)
- Length 13ft / 4m
- Color of sheath: White
- 5 years Guarantee

Number of pairs	4
Type	U-FTP
Conductor	Stranded bare copper wire, 7/0.10+/- 0.005 mm
Wire Gauge	30 AWG
Insulation	High Density Polyethylene
Individual pair screen	Al-laminated metal pair foil
Overall Screen	None
Drain	Stranded drain wire tinned copper, 7 / 0.10 mm
Sheath	PVC White with black printing
Overall diameter	4.5mm +/- 0.2 mm
Bending radius	18 mm
Plug housing	UL 1863 Polycarbonate, individual wire guide and management bar
Contacts	Moved contacts
Contact Plating	50 µ inches gold minimum (1.2 µm)
Shielding	None
Power Over Ethernet (POE)	Compatible PoE and PoE+ (Compatible with IEEE802.3at)

Mechanical Properties of the cable

Fire Propagation Test	Temperature range During operation	Fire load	Bending radius
UL 444 VW 1 Flame test	-20°C up to +60°	372 MJ/km	>18 mm without load

Electrical Properties of the cable (at 20°C +/- 5°C)

Conductor resistance	Insulation resistance	Mutual Capacitance	Impedance 1-100MHz	Impedance 100-250MHz	Propagation delay (1-250 MHz)	Test voltage in air
< 232Ω/km	> 5 000 MΩ/km	5.6nF / 100m	100 +/- 15 Ω	100 +/- 15 Ω	< 50ns/100m	2 500 V -3 seconds

WallPATCH BOX

Exclusive "Push to open" design (Design patent).

Material	ABS
Melting Point	200°C
Packaging	No Packaging, One sticker on the back with code bar, part number and characteristics.
Colour	White
Weight	155 gr
Product dimensions	L x W x H = 82 mm x 82 mm x 47 mm