

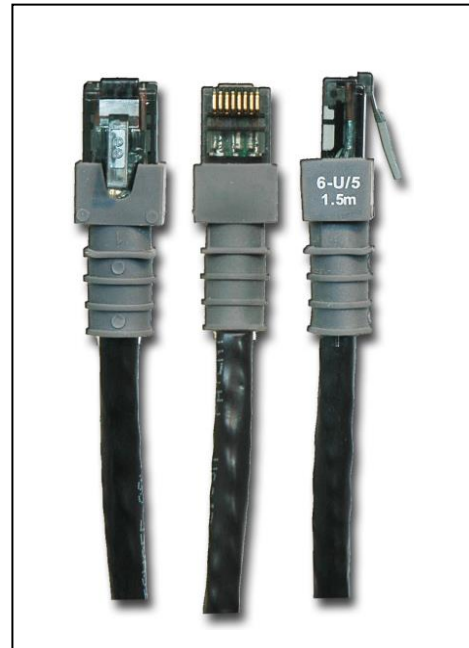
TECHNICAL DATA SHEET

Cat6 UTP

PatchSee RJ 45 Patch Cords are designed and individually tested for the connection of the network equipment to patch panel and network user outlets. They are warranted for cat 6 TIA/EIA-568-B-2.1 June 2002 Channel test on a Permanent Link certified for transmission frequencies of up to 250 MHz.

PatchSee solution and main characteristics

- Light identification by plastic optical fiber
- 6 different lengths from 2feet (0.6m) up to 16feet (4.9 m)
- Colour of sheath: black with white marking
- Colour of boot: Grey with white marking
- Compatible with removable clip PATCHCLIP, 16 colours available
- Packaging: boxes of 6 or 12 pieces, depending of the length
- Marking on the boot: length and P/N
- Unique serial number marking on the cable
- Guaranteed 25 years



Number of pairs	4
Type	U/UTP with Plastic cross web
Conductor	Stranded bare copper wire
Gauge	24
Insulation	Foam Skin Polyethylene
Individual pair screen	None
Overall screen	None
Optical wave guide	2 POF 0.5 mm
Drain	None
Jacket	PVC Black with white printing
Overall diameter	6.2 mm
Plug housing	UL 1863 Polycarbonate 2 levels with management bar
Contacts	Moved contacts
Contact Plating	50 µ inches (1.2 µm)
Shielding	None
Power Over Ethernet (POE)	Compatible POE, POE+, et 4PPOE (See the recommendations of TSB-184-A and TIA/EIA-568.2-D)

Mechanical Properties

Fire Propagation Test	Temperature range During operation	Fire load	Bending radius
UL 444 VW 1 Flame test	-20°C up to +75°C	372 MJ/km	>25 mm without load

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

DC loop resistance	Insulation resistance (500V)	Capacitance at 800 Hz	Impedance 1-100MHz	Impedance 100-250MHz	Propagation delay	Test voltage (DC, 1 min)
< 340Ω/km	> 2000 MΩ*km	Nom. 43nF/km	100 +/- 15 Ω	100 +/- 15 Ω	< 427 ns/100m	1000 V