

## TECHNICAL DATA SHEET Cat6 FTP

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



<b>Number of pairs</b>	4
<b>Type</b>	U/FTP
<b>Conductor</b>	Stranded bare copper wire
<b>Gage</b>	26 AWG
<b>Insulation</b>	Foam Skin Polyethylene
<b>Individual pair screen</b>	Al-laminated metal pair foil
<b>Overall screen</b>	none
<b>Optical wave guide</b>	2 POF 0.5 mm
<b>Drain</b>	Stranded drain wire tinned
<b>Jacket</b>	LSOH Black with white printing
<b>Overall diameter</b>	6.2 mm
<b>Plug housing</b>	UL 1863 Polycarbonate 2 levels with management bar
<b>Contacts</b>	Moved contacts
<b>Contact Plating</b>	50 µ inches (1.2 µm)
<b>Shielding</b>	Tin-plated

### Mechanical Properties

Fire Propagation Test	Temperature range During	Fire load	Bending radius
UL 1581 VW 1 Flame test	-20°C up to +60°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)
< 3400/km	> 2000 M0*km	Nom. 43nF/km	100 +/- 15 0	100 +/- 22 0	< 427 ns/100m	1000 V



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