

Category 6A – U/UTP or S/FTP Patch Cords with HFFR or PVC Sheath



PC-11122, PC-1222, PC-11112, PC-1212

Applications

Connectorised twisted pair cable suitable for Local Area Networks, Data Centre and Video Applications delivering 10base-t Gigabit Ethernet, 100BASE-TX Fast Ethernet, 622 Mbps ATM, 155 Mbps ATM and Composite Video.

Product Picture



Design

Unit	Properties
Conductor	4 X Twisted Pairs, 26 AWG Stranded Plain Copper Wire
Insulation	Foam-Skin Polyethylene Pair 1: WHITE-Blue/Blue Pair 2: WHITE-Orange/Orange Pair 3: WHITE-Green/Green Pair 4: WHITE-Brown/Brown
Cruciform	Yes
Screen	S/FTP Only – Aluminum-Mylar & tinned copper braid
Rip Cord	Yes
Sheath Material	Polyvinyl Chloride (PVC) or Halogen Free Flame Retardant (HFFR)
Sheath Colour	Grey as standard
Packaging Details	1ea per polybag

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

Category 6A – U/UTP or S/FTP Patch Cords with HFFR or PVC Sheath



PC-1122, PC-1222, PC-1112, PC-1212

Physical Characteristics

Part Number	Type	Sheath Material	Nom. Overall Diameter (mm)	Modular Plug Housing	RJ45	Wiring Scheme	Insertion/Extraction Life
PC-1122	U/UTP	HFFR	7.5	Flame retardant PC	Unshielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1222	S/FTP	HFFR	5.7	Flame retardant PC	Shielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1112	U/UTP	PVC	7.5	Flame retardant PC	Unshielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1212	S/FTP	PVC	5.7	Flame retardant PC	Shielded 8P8C, 50u Gold Flush	T568B	>750 cycles

Typical Performance Test Data

NEXT	MHz	1	4	8	1	16	20	25	31.2	62.5	100	200	250	300	400	500
	dB	65.0	63.0	58.2	56.6	53.2	51.6	50.0	48.4	43.4	39.9	34.8	33.1	31.7	28.7	26.1

Reference Standards

ISO/IEC 11801	ANSI/TIA/EIA-568-C2
EN50173-1	FCC 68
IEC 60603-7-41 & -51	IEC61935-2:2001
IEC 60332-1	IEC 61034 (HFFR only)
IEC 60754-1 & 2 (HFFR only)	RoHS directives

Ordering Information

Part Number	Colour Code	Length
PC-1122 - PC-1222 - PC-1112 - PC-1212 -	02 (RED)	005 (0.5m)
	03 (Orange)	010 (1.0m)
	04 (Yellow)	015 (1.5m)
	05 (Green)	
	06 (Blue)	
	07 (Purple)	
	38 (Grey)	
	09 (White)	300 (30m)

Example: a Cat6 U/UTP White HFFR 3.0m Patchcord will be ordered as; PC-1122-09-030