

Category 6 – U/UTP or F/UTP Patch Cords with HFFR or PVC Sheath



PC-1126, PC-1226, PC-1116, PC-1216

Applications

Connectorised twisted pair cable suitable for Local Area Networks, Data Centre and Video Applications delivering 1000base-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	Solid Polyethylene Pair 1: WHITE-Blue/Blue Pair 2: WHITE-Orange/Orange Pair 3: WHITE-Green/Green Pair 4: WHITE-Brown/Brown
Cruciform	Yes
Screen	FTP Only - Aluminium/Polyester 100% Coverage
Drain Wire	FTP Only - 26 AWG Stranded Copper
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.

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Physical Characteristics

Part Number	Type	Sheath Material	Nom. Overall Diameter (mm)	Modular Plug Housing	RJ45	Wiring Scheme	Insertion/Extraction Life
PC-1126	U/UTP	HFFR	5.8	Flame retardant PC	Unshielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1226	F/UTP	HFFR	6.1	Flame retardant PC	Shielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1116	U/UTP	PVC	5.8	Flame retardant PC	Unshielded 8P8C, 50u Gold Flush	T568B	>750 cycles
PC-1216	F/UTP	PVC	6.1	Flame retardant PC	Shielded 8P8C, 50u Gold Flush	T568B	>750 cycles

Typical Performance Test Data

NEXT	MHz	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.0	200.0	250.0
	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

Reference Standards

ISO/IEC 11801	ANSI/TIA/EIA-568-C2
EN50173-1	IEC 60603-7-4
IEC 60603-7-5	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-1126 – PC-1226 – PC-1116 – PC-1216 –	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 UTP White HFFR 3.0m Patchcord will be ordered as; PC-1126-09-030