

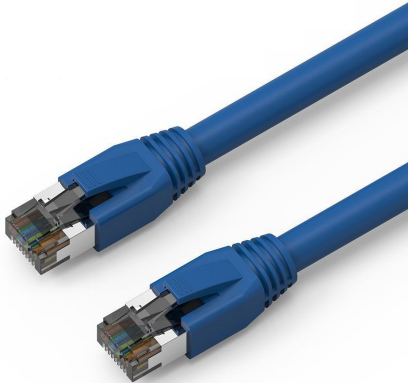
**Modular Cable Plug to Plug 8p8c (RJ45,
Ethernet) 50.00' (15.24m) Double Shielded**

**RoHS
Compliant**

Stock No.: CAT8-50BL

FEATURES

- Strain Relief
- S/FTP
- 24 AWG
- Stranded Copper



Product Description

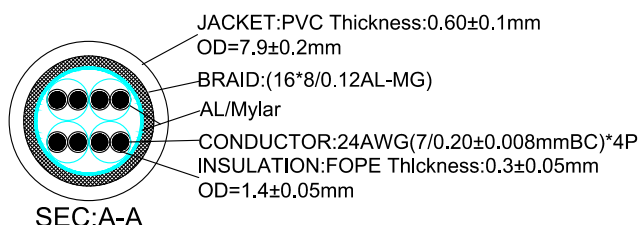
Cat.8 Ethernet Network Cables are capable to reach up to 40Gbps transfer speeds and up to 2GHz bandwidth using copper conductors and RJ45 connectors. Cat.8 patch cables are backwards compatible with all categories Cat.5E, Cat.6, Cat6A, Cat.7.

General Specifications

Attribute	Value
Terminated/Unterminated	Terminated
Connector Type	RJ45
Cable Type	Ethernet
Length	50.00' (15.24m)
Gauge	24 AWG
Conductor	Bare Copper
Shield/Unshielded	Shielded
Voltage Rating	30V
1.0 - 2000MHz Impedance (Ω)	100 $\pm$ 15
Maximum Operating Frequency	2000MHz
Operating & Storage Temp.	-40°C to 60°C -40°F to 140°F
Installation Temp.	-20°C to 60°C -4°F to 140°F
Jacket Color	Blue

Technical drawing of a 25/40GBase-T CAT 8 patch cable. The drawing shows a top view of the cable with dimensions: 13.7mm for the first connector section, 25.6mm for the main cable body, and 13.5mm for the second connector section. The total length is L±Tmm. The cable has a braid and a shield. The connectors are RJ45. The drawing also shows a side view of the cable with dimensions 8.6mm and 10.7mm. A marking is shown: 25/40GBase-T CAT 8 - 2000MHz S/FTP PIMF PATCH CABLE CM PVC. A table lists cable part numbers and colors: White = WT, Gray = GY, Black = BK, Blue = BL, Green = GN, Purple = PU, Yellow = YW, Orange = OR, Red = RD.

Cable Part No.	Color
White	WT
Gray	GY
Black	BK
Blue	BL
Green	GN
Purple	PU
Yellow	YW
Orange	OR
Red	RD



PINOUT		
P1	WIRE	P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
6	GREEN	6
5	WHITE/BLUE	5
4	BLUE	4
7	WHITE/BROWN	7
8	BROWN	8
S	SHIELDED	S

orange 1 white/orange	green 2 white/orange
blue 3 white/blue	brown 4 white/brown

③	RJ45 PLUG	8P8C 50U' GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING		
②	MOLDED	Assembled boot		
①	CABLE	CAT8 S/FTP [1P/24AWG(7*0.20BC)+AL]*4+BRAID(16*8/0.12AL-MG) OD=Ø7.9±0.20MM		
NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT

Dimensions: Millimeters (Inches)

Part Number Table

Part Number	Description
CAT8-00BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 0.50' (152.4mm) Double Shielded
CAT8-01BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 1.00' (304.8mm) Double Shielded
CAT8-02BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 2.00' (609.6mm) Double Shielded
CAT8-03BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 3.00' (914.4mm) Double Shielded
CAT8-05BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 5.00' (1.52m) Double Shielded
CAT8-07BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 7.00' (2.13m) Double Shielded
CAT8-10BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 10.00' (3.05m) Double Shielded
CAT8-15BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 15.00' (4.57m) Double Shielded
CAT8-25BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 25.00' (7.62m) Double Shielded
CAT8-35BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 35.00' (10.67m) Double Shielded
CAT8-50BL	Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 50.00' (15.24m) Double Shielded

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