PC-SF8-H0422-GR-002M

Description

Osilan's Cat8 Patch Cords are part of cat8 cable solutions that are flexible and cost-effective solutions that fully comply with Category 8 standards. Cat8 Patch cords are available in S/FTP shielded cable and with PVC or LSZH sheath, which is ideal for most of today's LAN network requirements and specifications with designs that support 2000 MHz applications.

Features

• Category 8 S/FTP patch cord
• LSZH Sheath
• Wired to T568B wiring schemes
• 4 Pairs, 22 AWG solid copper conductors
• Supports IEEE 802.bt type 3,4 & PoE++ Standards
• Each patch cord is 100% performance tested to component limits

Application

• Suitable for all category 8.1/8.2 backbone and horizontal Cabling applications.
• 10 Base-T (Ethernet), 100 Base-T (Fast Ethernet), 1000 Base-T (Gigabit Ethernet) and 10G Base-T (10Gigabit Ethernet), 25G Base-T (25Gigabit Ethernet), 40G Base-T (40Gigabit Ethernet)
• IEEE 802.3af, IEEE 802.3at, IEEE 802.bt type 3 and 4

Standards

• ANSI/TIA-568-C.2 Category 8
• ISO 11801 2nd Edition
• IEC 619352

• IEC 60603-7
• EN 50173-1
• EN 60332-1

• UL444
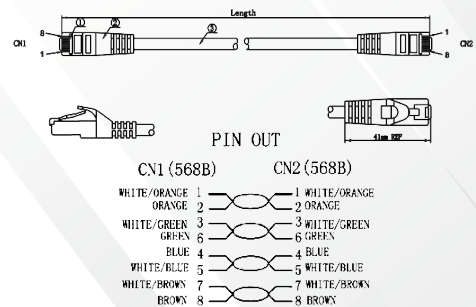• UL1581
• UL1666

Technical Specifications

Central Element	Cross Section - Solid Polyethylene PE
Conductor	22 AWG Stranded Bare Copper
Insulation	HDPE
Pairs	4 Twisted Pairs
Sheath	LSZH (LSZH IEC 60332-1 Sheath)
Outer Diameter	8.4 mm (+/- 0.2mm)
Identification	Pair 1: White Blue / Blue
	Pair 2: White Orange / Orange
	Pair 3: White Green / Green
	Pair 4: White Brown / Brown
Connector	RJ45 8P8C including boot
Wiring Standards	T568B wiring
Temperature (Installation)	-30°C to +50°C
Temperature (Operation)	-20°C to +75°C

Mechanical and Electrical Specification

Min Bend Radius	Operation: 67.2 mm
Standard Length	0.5m,1m,2m,3m,5m,7.5m,10m,15m,20m,30m
Mating Cycle	Minimum 750

PIN OUT

CN1 (568B) CN2 (568B)

WHITE/ORANGE	1	1	WHITE/ORANGE
ORANGE	2	2	ORANGE
WHITE/GREEN	3	3	WHITE/GREEN
GREEN	6	6	GREEN
BLUE	4	4	BLUE
WHITE/BLUE	5	5	WHITE/BLUE
WHITE/BROWN	7	7	WHITE/BROWN
BROWN	8	8	BROWN

CATEGORY 8 S/FTP PATCH CORDS, 22 AWG, LSZH

Part No.	Description
PC-SF8-H0422-GR-002M	Category 8 S/FTP Patch Cords, LSZH Sheath, 2m, Green

* More colour are available.