CATEGORY 6A COPPER PATCH CORDS



PC-U6AF-H0424-OR-002M

Description

Osilan's Cat6A Patch Cords are part of cat6A cable solutions that are flexible and cost-effective solutions that fully comply with category 6A/ Class EA standards. Cat6A Patch cords are available in U/UTP, U/FTP and F/FTP shielded cable and with PVC or LSZH sheath, which are ideal for most of today's LAN network requirements and specifications with designs that support 500 MHz applications.

Features

- Category 6A U/FTP patch cord.
- · LSZH Sheath.
- · Wired to T568B wiring schemes.
- · 4 Pairs, 24 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 6A 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).
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM, Token Ring 4/16 & ISDN.
- IEEE 802.3af, IEEE 802.3at, IEEE 802.bt type 3 and 4.

Standards

- ANSI/TIA-568-C.2 Category 6A
- ISO 11801 2nd Edition
- IEC 619352

• EN 50173-1 • EN 60332-1

• IEC 60603-7

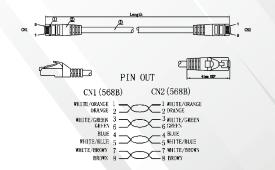
• 1 11 444 • UL1581 • UL1666

Fechnical Specifications			
Central Element	Cross Section - Solid Polyethylene PE		
Conductor	24AWG Stranded Bare Copper		
Insulation	HDPE		
Pairs	4 Twisted Pairs		
Sheath	LSZH (LSZH IEC 60332-1 Sheath)		
Outer Diameter	7.5mm (+/- 0.3mm)		
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°			

Mechanical and Electrical Specification

Min Bend Radius	Operation: 23.2mm (4* Outer Diameter)
Standard Length	0.5m,1m,2m,3m,5m,7.5m,10m,15m,20m,30m
Mating Cycle	Minimum 750

Technical Drawings



CATEGORY 6A U/FTP	CATEGORY 6A U/FTP PATCH CORDS, 24 AWG, LSZH						
Part No.		Description					
PC-U6AF-H0424-OR-002M		Category 6A U/FTP Patch Cord, LSZH Sheath, 2 m, Orange					

PC-U6AF-H0424-OR-002M

* More colours are available.

