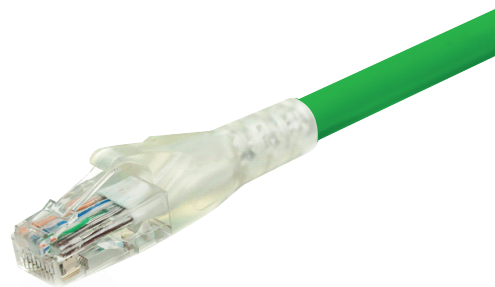


PC-U5E-H0424-GR-001M

Description

Osilan's Cat5e Patch Cords are part of the cat5e cable solutions that are flexible and cost-effective solutions that fully comply with category 5/Class E standards. Cat5 Patch cords are available in U/UTP, F/UTP 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 100 MHz applications.



Features

- Category 5e U/UTP 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 5e backbone and horizontal Cabling applications.
- 10 Base-T (Ethernet), 100 Base-T (Fast Ethernet), 1000 Base-T (Gigabit Ethernet).
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM, Token Ring 4/16 & ISDN.

Standards

- | | | |
|-------------------------------------|---------------|----------|
| • ANSI/TIA-568-C.2 Category 5e | • IEC 60603-7 | • UL444 |
| • ISO 11801 2 nd Edition | • EN 50173-1 | • UL1581 |
| • IEC 619352 | • EN 60332-1 | • UL1666 |

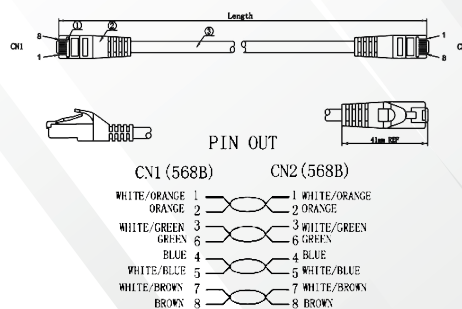
Technical Specifications

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	5.5mm (+/- 0.4mm)
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: 38.5mm (4" Outer Diameter)
Standard Length	0.5m, 1m, 2m, 3m, 5m, 7.5m, 10m, 15m, 20m, 30m
Mating Cycle	Minimum 350

Technical Drawings



CATEGORY 5E U/UTP PATCH CORDS, 24 AWG, LSZH

Part No.	Description
PC-U5E-H0424-GR-001M	Category 5E U/UTP Patch Cord, LSZH Sheath, 1 m, Green

* More colours are available.