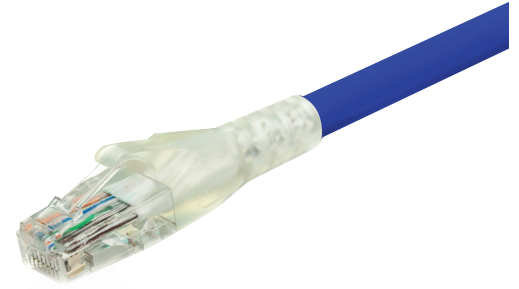## PC-U6-H0424-BU-005M

Description

Osilan's Cat6 Patch Cords are part of cat6 cable solutions that are flexible and cost-effective solutions that fully comply with category 6/ Class E standards. Cat6 Patch cords are available in U/UTP, F/UTP shielded cable and with PVC or LSZH sheath, ideal for most of today's LAN network requirements and specifications with designs that support 350 MHz applications.

Features

• Category 6 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 6 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 6
• 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	24AWG Stranded Bare Copper
Insulation	HDPE
Pairs	4 Twisted Pairs
Sheath	LSZH (LSZH IEC 60332-1 Sheath)
Outer Diameter	5.8mm (+/- 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°

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

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 6 U/UTP PATCH CORDS, 24 AWG, LSZH

Part No.	Description
PC-U6-H0424-BU-005M	Category 6 U/UTP Patch Cord, LSZH Sheath, 5 m, Blue

* More colours are available.