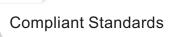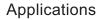**XTND CONNECT**

Cat.6 Copper Patch Cord | U/UTP, AWG 24

Cat6 U/UTP Patch Cord Series are 4-pair,24 AWG(stranded)and flexible cable structures terminated with unshielded RJ45 connectors at both ends.These patch cords are used in cabinet and user terminals in structured cabling systems.

CAT6 patch cables are used for Gigabit Ethernet **1GBASE-T** speed and 250 MHZ frequency requirements.These patch cords work well with keystone jacks terminated with both T568A and T568B color codes.

Compliant Standards

ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D

Applications

IEEE 802.3: 10BASE-T;100BASE-T;1000BASE-T

IEEE 802.5 16 MB; ISDN;TPDDI;ATM

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)

Flame Resistance for Cable

LSZH FR - IEC 60332-1-2

100% TESTED

1 G | **CAT 6** | **250 Mhz**

Features

100% performance tested by VIAVI 10G/40G Certifier to guarantee the quality

Small diameter, Flexible cable for easy routing

Snag-less boots to prevent latch damage

Assembly Wiring Standard T568B

(T568A or Cross-over can be requested)

Assembly Order Coding

RJ45M-RJ45M-C06-UUTP-24FLX-GY-XXM

Sample Code

RJ45M-RJ45M-C06-UUTP-24FLX-GY-03M

Available Jacket and Boot Colors

Grey

Cable Construction

Conductor	Stranded bare copper wire Ø: 7x 0.18 mm AWG 24
Side A/B Connector Type	RJ45 Male / RJ45 Male
Sheath	Foam skin polyethylene, LSZH-FR
Contact pin material	Phosphor-bronze alloy coated with 50 µ of gold
Outer cable diameter	5.9 mm
Plug Termination Method	Injection moulded

Mechanical Properties

Insertion / extraction cycles	min. 500	
Temperature range	Installation	0°C up to + 50°C
	Operation	-20°C up to + 60°C
Min. bending radius	Installation	4 x Diameter (25 mm)
	Operation	8 x Diameter (50 mm)