

NEXA Cat6 UTP LSZH Patch Cord 24AWG - 1M

— Orange / Red / Blue

The Nexa Cat6 UTP LSZH Patch Cord 24AWG – 1M is designed to deliver reliable and high-speed connectivity for modern Ethernet and structured cabling networks. With support for transmission frequencies up to **250 MHz** and data transfer speeds of up to **10 Gbps over limited distances**, it provides stable performance for a wide range of networking applications.



Key Features:

- **Part No.:** NX-PC-6-U-1M-RD / NX-PC-6-U-1M-BL / NX-PC-6-U-1M-OR
- **Outer Jacket:** LSZH
- **Transmission Frequency:** 250 MHz
- **Conductor:** 23 AWG Solid Bare Copper
- **Cable Length:** 1 Meter

Full Specifications:

Specification	Details
Brand	Nexa Communication
Product Type	Cat6 UTP LSZH Patch Cord
Part Number	NX-PC-6-U-1M-RD / NX-PC-6-U-1M-BL / NX-PC-6-U-1M-OR
Cable Category	Cat6
Cable Type	UTP (Unshielded Twisted Pair)
Cable Length	1 Meter
Conductor Size	24 AWG
Conductor Type	Solid Bare Copper
Conductor Diameter	$7 \times 0.2 \pm 0.005$ mm
Insulation Material	HDPE Solid Insulation
Insulation Diameter	0.98 ± 0.06 mm
Pair Construction	4 Pairs
Outer Jacket Material	PVC LSZH
Outer Jacket Type	Low Smoke Zero Halogen
Jacket Thickness	0.8 mm
Cable Diameter	6.1 ± 1.0 mm
Available Colors	Red / Blue / Orange
Transmission Frequency	Up to 250 MHz
Data Transfer Speed	Up to 10 Gbps over limited distances
Application Class	Class E
Shielding	Unshielded
Crosstalk Performance	Designed to Minimize Crosstalk
Noise Performance	Designed to Minimize System Noise
Plug Type	RJ45
Plug Housing Material	PC
Contact Material	Phosphor Bronze

Contact Plating	Gold
Contact Resistance	≤20 mΩ
Operating Life	750 Cycles
Connector Configuration	RJ45 to RJ45
Cable Safety	Low Smoke & Zero Halogen
Applicable Standard	ISO/IEC 11801, 2nd Edition
Complied Standard	IEC 61156-5
Complied Standard	EN 50173
Complied Standard	EN 50288
Complied Standard	TIA/EIA-568-C.2
Supported Application	10BASE-T4
Supported Application	100BASE-TX
Supported Application	100VG-AnyLAN
Supported Application	1000BASE-T
Supported Application	1000BASE-TX
Supported Application	155 Mbps ATM
Supported Application	622 Mbps ATM
Patch Panel Connection	Supported
PC to Information Outlet	Supported
Information Outlet to Telecom Closet	Supported
Equipment & DTE Connection	Supported
Installation Environment	Office, Rack & Workspace Networks
Primary Application	Ethernet & Structured Cabling Networks