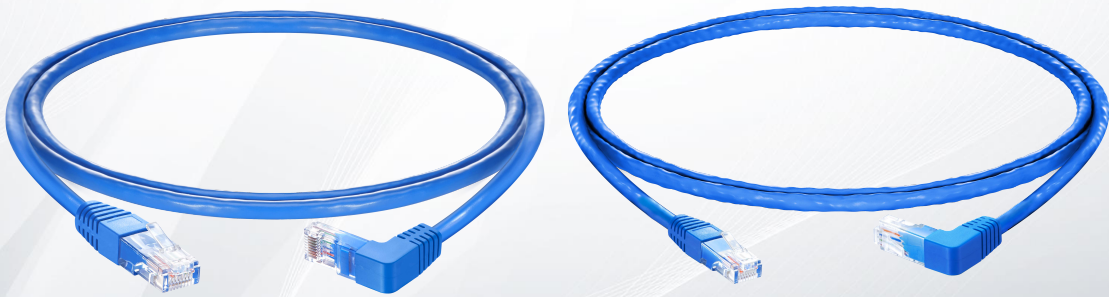


Cat6 Right Angle UTP Patch Cable

Ideal for 1/10GBase-T Copper Cabling Solution



Overview

Cat6 UTP patch cable features 26AWG unshielded twisted pair stranded pure bare copper cable with a high performance modular plug at each end. Snagless design protects the locking clips on the RJ45 connectors from being damaged or snapped off during installation. The flexible strain relief boot provides easy access in high-density applications. One RJ45 male connector is designed at a 90-degree upward (downward) angle, which prevents excessive bending and reduces stress on the cable. And it is easy to plug into switch or panel pressed against a wall.

Key Features

- ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E
- 550MHz, 1G/10G-T, PoE/PoE+/PoE++
- Performance Tested with Fluke and Wired T568B
- Strain Relief and a Flexible Boot Simplify Moves, Additions and Changes
- Stranded Cable and RJ45 Modular Plugs with 50μ" Gold-plated Contacts
- Used in Narrow Space, Prevent the Cable from Bending, and Increase the Lifespan
- Use in Patch Panel or Equipment Connections in Enterprise Networks and Data Center
- Pure Bare Copper Conductors with Stable Transmission Performance

Specification

Product Type	
Shielding Type	Unshielded (U/UTP)
Termination End	RJ45 Plug
Reference Standard	ISO/IEC 11801, ANSI/TIA-568.2-D
Conductor	
Conductor Type	Stranded
Conductor Material	Pure Bare Copper
Wire Gauge (AWG)	26 (7/0.20mm)
Conductor Qty.	4 Twisted Pairs
Insulation	
Insulation Material	HDPE
Insulation Diameter (mm)	0.98 ± 0.05
Core Color	A. Orange, White-Orange, B. Blue, White-Blue, C. Green, White-Green, D. Brown, White-Brown
Sheath	
Material	PVC (Complies RoHS), CM
Outer O.D. (mm)	6.1 ± 0.4
Thickness (mm)	0.55 ± 0.05
Color	Blue
Surface	Clean, Frap, Satiation

Specification

Electrical Characteristics (20 °C)

Data Rate Support	1/10GBase-T
Standard Bandwidth (MHz)	250
Reference Bandwidth (MHz)	550
1-250MHz, Characteristic Impedance (Ω)	100 ± 15
Max. DC Conductor Resistance Unbalance (%)	5.0
1-250MHz, Delay Skew 20°C (ns/100m)	≤45
Max. DC Resistance 20°C (Ω/100m)	9.38

Mechanical Characteristics

Before Aging Tensile Strength (Mpa)	≥13.5
Before Aging Elongation (%)	≥150
Aging Period (°C×hrs)	100°C×24h×7d
After Aging Tensile Strength (Mpa)	≥12.5
After Aging Elongation (%)	≥125
Cold Bend (-20±2°C×4h)	No Visible Cracks
Min. Bend Radius (cm)	4.27 ± 0.3

Surface Printing

Letter Height (mm)	3.0 ± 0.3
Color	Blue

Specification

Others	
Rip Cord	Yes
Drain Wire	No