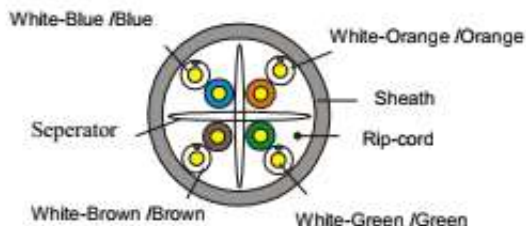


Category 6 U/UTP Cable, 24AWG, low smoke zero halogen, blue jacket, 4 pair count, 305 m length Reel in box

Product Specifications

| | | | | | | |
|---|---------------------------------------|-----------------------------------|------------------------|---|--|--|
| Product Description: Rated temperature: 90°C Reference Standard:UL444,UL1581 Bare solid copper conductor Rohs/REACH complied LSZH Jacket Flame Test: IEC60332-1 ,IEC60332-3C Installation temperature:-30°C ~+50°C | | | | Application: 100Base-TX 100Base-T 100VG-AnyLAN 1000Base-T(Gigabit Ethernet) 1000Base-TX ATM Noisy Environments | | |
| Content of the Data Sheet | | | | | | |
| Category | U/UTP CAT6-4P-LSZH | | | | | |
| Test Standard | ISO/IEC11801 . TIA-568-C.2 . YD/T1019 | | | | | |
| Conductor | Material | Solid-Bare Copper | | | | |
| | Nom.O.D.(mm) | 0.570 | up -Max | +0.005 | | |
| | | | down -Min. | -0.005 | | |
| Insulation | Material | HDPE | | | | |
| | Diameter | 1.02 ± 0.03mm | | | | |
| Sheath | Thickness | 0.55 ± 0.05 mm | | | | |
| | External O.D. | 6.3 ± 0.4 mm | | | | |
| | Surface | Clean,Frapp,Satiation | | | | |
| | Material | LSZH | | | | |
| Surface Printing | Letter height | 3.0 ± 0.3mm | | | | |
| | Color | Black | | | | |
| Print error & Space | ≤ ± 0.5% . 1m | | | | | |
| | Core Color | 1 White- Blue /Blue | 2 White-Orange /Orange | | |  |
| | 3 White-Green /Green | 4 White- Brown /Brown | | | | |
| Packing | Wooden Tray & Carton | | | | | |
| Carton dimension | 40.5*40.5*21cm | | | | | |
| Packing length | 305 ± 1.5m | | | | | |
| Rip-cord | Yes | Drain wire | No | | | |
| | | Sheath Physical Properties | | Before Aging Tensile Strength(Mpa) ≥ 10.0 Elongation(%) ≥ 125 Aging Period (°C × hrs) 100°C × 24h × 7d After Aging Tensile Strength(Mpa) ≥ 8.0 Elongation(%) ≥ 100 Cold bend(-20±2°C × 4h) 8×Cable O.D., No visible cracks | | |
| | | Electrical Characteristics (20°C) | | 1.0-250.0MHz Impedance (Z) 100 ± 15 1.0-250.0MHz Delay Shew (ns/100m) ≤ 45 NVP 69% Capacitance(nF/100m) max: 5.6 DC Resistance (Ω/100m) max: 9.5 DC Conductor Resistance Unbalance (%) max 5.0 | | |