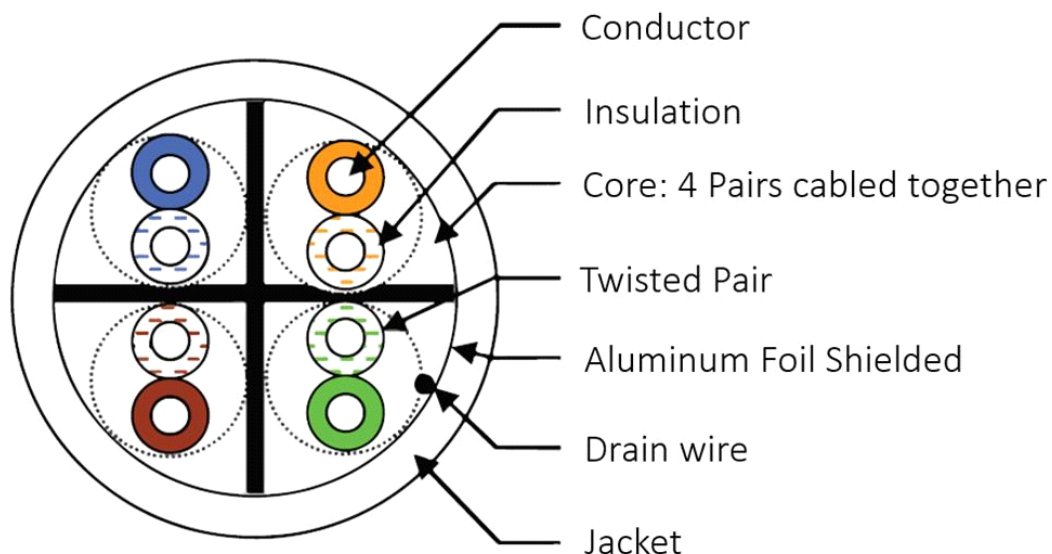


640 Series Copper Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 1000 ft, light pink

Product Classification

| | |
|------------------------------|--|
| Portfolio | NETCONNECT® |
| Product Series | 640 Series |
| Product Type | Twisted pair cable |
| Regional Availability | Asia Australia/New Zealand Latin America |

Cross Section Drawing



Construction Materials

| | |
|-------------------------------|-------------------------------|
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |
| Shield (Tape) Material | Aluminum/Polyester |

Dimensions

| | |
|--------------------------------------|---------------------|
| Cable Length | 305 m 1000 ft |
| Cable Weight | 60.10 kg/km |
| Diameter Over Jacket, nominal | 7.200 mm 0.283 in |

Electrical Specifications

| | |
|--|--|
| ANSI/TIA Category | 6A |
| Characteristic Impedance | 100 ohm |
| Characteristic Impedance Tolerance | ±15 ohm |
| dc Resistance, maximum | 66.58 ohms/km |
| Delay Skew, maximum | 45 ns |
| Mutual Capacitance | 5.6 nF/100 m @ 500 MHz |
| Nominal Velocity of Propagation (NVP) | 64 % |
| Operating Voltage, maximum | 80 V |
| Transmission Standards | ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class EA |

Environmental Specifications

| | |
|------------------------------|-------------------------------------|
| Smoke Test Method | IEC 61034-2 |
| Acid Gas Test Method | IEC 60754-2 |
| Flame Test Method | IEC 60332-1 |
| Operating Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |

General Specifications

| | |
|---------------------------------|------------------|
| Cable Type | F/UTP (shielded) |
| Packaging Type | Reel |
| Pairs, quantity | 4 |
| Cable Component Type | Horizontal |
| Jacket Color | Pink |
| Conductor Gauge, singles | 23 AWG |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant

