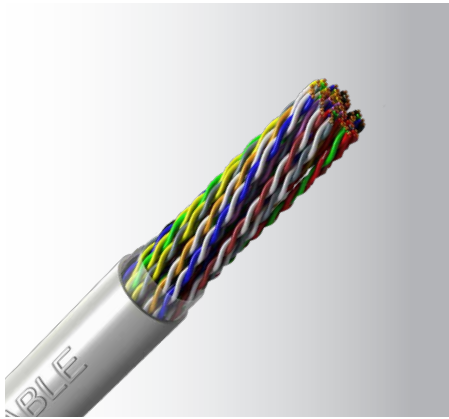


LAN Cables

Category 5e 25 Pair
Model Code: U/UTP



| | |
|---------------------|--|
| Application : | <ul style="list-style-type: none"> High Speed Horizontal Cabling (100 MHz) 10/100 Base-T 100 Mbps Fast Ethernet; 155 Mbps ATM |
| Construction : | Solid bare copper, HDPE insulated, polyester tape, RoHS compliant PVC, LSZH, or HDPE sheathed cable |
| Insulation colour : | According to standard |
| Sheath colour : | Grey or Blue (RoHS compliant PVC), Orange (LSZH), Black (HDPE), or as per order |
| Specification : | ANSI/TIA-568.2-D, ISO/IEC 11801, IEC 61156-5 |
| Flame test : | UL 1581 (CMX), UL 1685 (CM), UL 1666 (CMR), IEC 60332-1-2 |
| LSZH test : | IEC 60754, IEC 61034-2 |

Related Products



Patch Panels
(Page 23)



Patch Cords
(Page 24)



Unshielded
Modular Jacks
(Page 21)

| Part No. | Conductor | Pair | Approx. Overall Diam. | Standard Length | Approx. Weight | Packaging |
|-----------|----------------------------|------|-----------------------|-----------------|----------------|-------------|
| | | | (mm) | (m) | (kg/km) | |
| 43PE***5E | Solid Bare Copper (24 AWG) | 25 | 13.3 | 1000 | 193 | Wooden Reel |

Electrical Properties at 20°C

| | |
|---------------------------|--------------|
| Conductor Resistance | ≤ 9.38Ω/100m |
| Resistance Unbalance | ≤ 5% |
| Mutual Capacitance | ≤ 5.6nF/100m |
| Capacitance Unbalance | ≤ 330pF/100m |
| Characteristics Impedance | 100 ± 15Ω |

Electrical Data at 20°C

| Frequency | ATTENUATION Max. | NEXT Min. | ACR Min. | PSNEXT Min. | ELFEXT Min. | PSELFEXT Min. | RL Min. | DELAY Max. | SKEW Max. |
|-----------|------------------|-----------|----------|-------------|-------------|---------------|---------|------------|-----------|
| (MHz) | (dB/100m) | (dB) | (dB) | (dB) | (dB/100m) | (dB/100m) | (dB) | (ns/100m) | (ns/100m) |
| 1 | 3.0 | 60.0 | 57.0 | 54.0 | 57.4 | 54.4 | 17.0 | 555 | 50 |
| 4 | 4.5 | 53.5 | 49.1 | 46.1 | 45.4 | 42.4 | 17.0 | | |
| 8 | 6.3 | 48.6 | 42.3 | 39.3 | 39.3 | 36.3 | 17.0 | | |
| 10 | 7.1 | 47.0 | 39.9 | 36.9 | 37.4 | 34.4 | 17.0 | | |
| 16 | 9.1 | 43.6 | 34.5 | 31.5 | 33.3 | 30.3 | 17.0 | | |
| 20 | 10.2 | 42.0 | 31.8 | 28.8 | 31.4 | 28.4 | 17.0 | | |
| 25 | 11.4 | 40.3 | 28.9 | 25.9 | 29.4 | 26.4 | 16.0 | | |
| 31.25 | 12.9 | 38.7 | 25.9 | 22.9 | 27.5 | 24.5 | 15.1 | | |
| 62.5 | 18.6 | 33.6 | 15.0 | 12.0 | 21.5 | 18.5 | 12.0 | | |
| 100 | 24.0 | 30.1 | 6.1 | 3.1 | 17.4 | 14.4 | 10.0 | | |