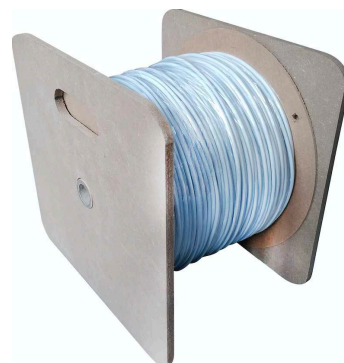
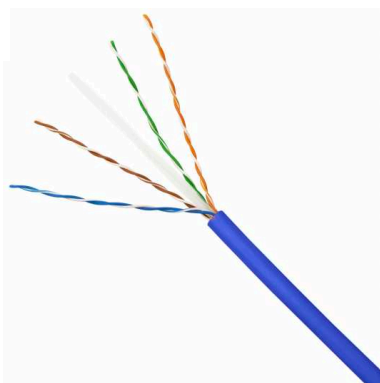
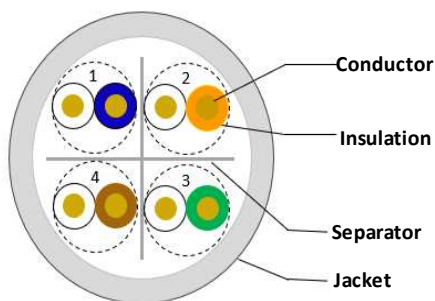


28AWG U/UTP Cat.6 Installation Cable



20101101

FEATURES

TIA/EIA-568C.2-1;ISO/IEO 11801;NEC/CEC

Fire protection – IEC60332-1 (CM)

Cable is used for indoor installation

CONSTRUCTION

Conductor: Bare Solid Copper

Conductor Dia.:0.32mm±0.008mm (28AWG)

Pair Insulation:HD-PE

Insulation Nom.Thickness:Avg:0.115mm Min:0.106mm

Separator: Materials: PE

Outer Cable Diameter: 4.0 ± 0.2 mm

Pair Identification: Pair1= Blue/White Pair2= Orange/White

Pair 3= Green/White Pair4= Brown/White

Outer Jacket: PVC/LSZH Jacket

Insulation Nom.OD:0.55±0.05mm

Separator Size: 0.25/2.7mm (±0.05mm/±0.1mm)

Jacket Color:Grey RAL 7035 or as per request

TECHNICAL CHARACTERISTICS

Installation Temperature: 0°C to +50°C

Operating temperature: -20°C to +75°C

DC Resistance Unbalance :5%

Characteristic impedance : 100Ω±15%

Pulling strength: 100 N

Minimum bend radius: 10 outer cable diameters

Conductor DC resistance : 20°C ≤227.39Ω/km

Insulation Resistance : ≥5000MΩ.km (IEC 60189-1)

PACKAGING

305m/1000ft High speed relex Easy pulling box; 100m/reel;

ELECTRICAL CHARACTERISTICS (up to 50m)

| Frequency | LOSS | NEXT | RL | ACR-N | ACR-F | PS NEXT | PS ACR-N | PS ACR-F |
|-----------|------|------|------|-------|-------|---------|----------|----------|
| MHz | dB | dB | dB | dB | dB | dB | dB | dB |
| 1 | 3.0 | 65.0 | 19.0 | 62.0 | 63.3 | 62.0 | 59.0 | 60.3 |
| 4 | 4.2 | 63.0 | 19.0 | 58.9 | 51.2 | 60.5 | 56.4 | 48.2 |
| 8 | 5.8 | 58.2 | 19.0 | 52.4 | 45.2 | 55.6 | 49.8 | 42.2 |
| 10 | 6.5 | 56.6 | 19.0 | 50.1 | 43.3 | 54.0 | 47.5 | 40.3 |
| 16 | 8.2 | 53.2 | 18.0 | 45.0 | 39.2 | 50.6 | 42.4 | 36.2 |
| 20 | 9.2 | 51.6 | 17.5 | 42.5 | 37.2 | 49.0 | 39.8 | 34.2 |
| 25 | 10.2 | 50.0 | 17.0 | 39.8 | 35.3 | 47.3 | 37.1 | 32.3 |
| 31.25 | 11.5 | 48.4 | 16.5 | 36.9 | 33.4 | 45.7 | 34.2 | 30.4 |
| 62.5 | 16.4 | 43.4 | 14.0 | 27.0 | 27.3 | 40.6 | 24.2 | 24.3 |
| 100 | 20.9 | 39.9 | 12.0 | 19.0 | 23.3 | 37.1 | 16.2 | 20.3 |
| 200 | 30.1 | 34.8 | 9.0 | 4.7 | 17.2 | 31.9 | 1.8 | 14.2 |
| 250 | 33.9 | 33.1 | 8.0 | -0.8 | 15.3 | 30.2 | -3.7 | 12.3 |

DIREKTRONIK

Dataprodukter utöver det vanliga