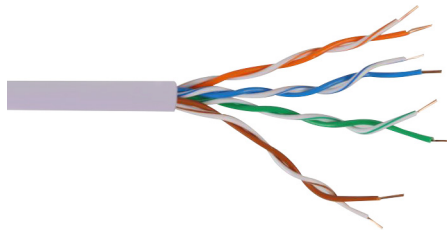


CAT 5E UTP Cable

pro-POWER



RoHS
Compliant

Specifications:

Designed of cable

| | |
|-----------------|---|
| Inner conductor | : Single Bare Copper (0.485mm ±0.005mm) |
| Insulation | : HDPE |
| Insulation Dia | : 0.85mm ±0.05mm |
| Core colour | : White-Blue; White-Orange; White-Green & White-Brown |
| Jacket Material | : PVC |
| Colour | : Light Grey |
| Size | : 4.8mm ±0.2mm |
| Wall thickness | : 0.5mm |

Electric data at 20°C

| | |
|-------------------------|-----------------------------|
| Conductor resistance | : ≤110Ω/kM |
| Insulation resistance | : ≥5,000M Ω × kM |
| Testing voltage | : wire/wire 50Hz 1min=1.5kV |
| Permissible temperature | : -10°C to 60°C |

Other Electric data:

| Frequency | Impedance | RL | ATT | NEXT | ELFEXT | PSNEXT | PSELFEXT | SKW | NVP |
|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----|
| Mhz | ohm | ≥dB/100M | ≤dB/100M | ≥dB/100M | ≥dB/100M | ≥dB/100M | ≥dB/100M | ≤ns/100M | |
| 1 | 100±15 | 20 | 2.04 | 65.3 | 63.8 | 62.3 | 60.8 | ≤45 | 66% |
| 4 | | 23 | 4.1 | 56.3 | 51.7 | 53.3 | 48.7 | | |
| 10 | | 25 | 6.5 | 50.3 | 43.8 | 47.3 | 40.8 | | |
| 16 | | 25 | 8.2 | 47.3 | 39.7 | 44.3 | 36.7 | | |
| 20 | | 25 | 9.3 | 44.5 | 37.7 | 42.8 | 34.7 | | |
| 31.25 | | 23.6 | 11.6 | 42.9 | 33.9 | 39.9 | 30.9 | | |
| 62.5 | | 21.5 | 17 | 38.4 | 27.8 | 35.4 | 24.8 | | |
| 100 | | 20.1 | 22 | 35.3 | 23.8 | 32.3 | 20.8 | | |

Part Number Table

| Description | Part Number |
|------------------------------------|-------------|
| CAT 5E UTP Cable, Light Grey, 100m | CAT5E100M |

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