

CAT 5E Outdoor Cable

pro-POWER



Specifications:

Designed of cable

Inner conductor : Single Bare Copper (0.495mm ±0.005mm)
 Insulation : HDPE
 Insulation Dia : 0.9mm ±0.05mm
 Core colour : White-Blue; White-Orange; White-Green & White-Brown
 First Jacket Material : PVC
 Colour : Black
 Size : 5.8mm ±0.2mm
 Wall thickness : 0.8mm
 Second Jacket Material : PE
 Size : Ø6.4±0.2mm
 Wall thickness : 0.3mm

Electric data at 20°C

Conductor resistance : ≤96Ω/kM
 Insulation resistance : ≥5,000M Ω × kM
 Testing voltage : wire/wire 50Hz1min=1.5kV
 Permissible temperature : -10°C to 75°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 | 20.0 | 2.04 | 65.3 | 63.8 | 62.3 | 60.8 | ≤45 | 66% |
| 4 | | 23.0 | 4.1 | 56.3 | 51.7 | 53.3 | 48.7 | | |
| 10 | | 25.0 | 6.5 | 50.3 | 43.8 | 47.3 | 40.8 | | |
| 16 | | 25.0 | 8.2 | 47.3 | 39.7 | 44.3 | 36.7 | | |
| 20 | | 25.0 | 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 | 17.0 | 38.4 | 27.8 | 35.4 | 24.8 | | |
| 100 | | 20.1 | 22.0 | 35.3 | 23.8 | 32.3 | 20.8 | | |

Part Number Table

| Description | Part Number |
|----------------------------|----------------------|
| CAT 5E Outdoor Cable, 100m | CAT5EO/DHIGHSPEC100M |

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