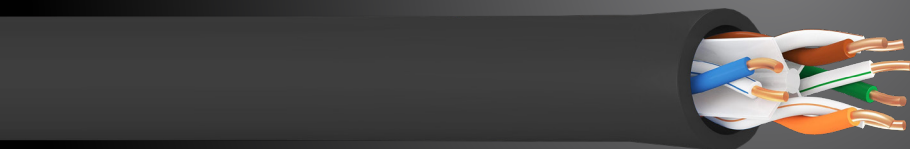




CAT6CABLE-305MO

Outdoor 305 meters UTP CAT6 Cable



Key Features:

- External grade
- 305m in easy pull box
- Meter marked
- Solid core copper
- PE outer sheath (black)
- 23 AWG
- ANSI/TIA 568-c.2
- EN50575: 2014+A1: 2016
- ISO/IEC 11801
- Fca

SPECIFICATIONS

Model Number	CAT6CABLE-305MO
Material	Solid core copper
Conductor Diameter	0.565 ± 0.02mm
American Wire Gauge	23AWG
Insulation	
Material	HDPE
Mim. Average Thickness	0.18mm(0.007")
Diameter	1.02 mm ± 0.08 mm(0.04"± 0.0031")
Colour	8-core, Blue, white/blue; orange, white/orange; green, white/green; brown, white/brown
Rip Cord	
Material	Polyester
Specification	250D

(continued)

Wrap

Material	Polyester tape(transparent)
Dimension	W: 18mm±2mm*T: 0.025mm±0.02mm (W: 0.71"±0.07"*T: 0.001"±0.0007")

Sheath

Material	PE
Min. Average Thickness	0.55±0.03mm (0.022"±0.0011")
Diameter	6.1 mm ± 0.3 mm(0.24"± 0.011")
Colour	Black
Reaction to Fire	FCA

Electrical

Max. DC Resistance of a Single Conductor @20°C	< 90.0Ω/Km
Min. Insulation Resistance	≥ 5000MΩ • km
Dielectric Strenght	No breakdown with 1KV DC for 1 min

Transmission

Characteristic Impedance	100 ± 15Ω
Near End Cross Talk	≥35.30 dB/100 m@100 MHz
Return Loss	≥20.1 dB/100 m@100 MHz

Mechanical

Installation Bending Radius	>8 times of outer cable diameter
Conductor Elongation at Break	≥15%

Environmental

Shrinkage of Insulation	≤5%
Colour Migration	No migration
Resistance of Insulation	
Low Temperature Bending Test	No cracking after the test
Heat Shock Test	No cracking after the test
Operation Temperature	-10°C to +60°C (14°F to 140°F)
Installation Temperature	-5°C to +50°C (23°F to 122°F)
Storage Temperature and Humidity	-10°C to +40°C (14°F to 104°F), <60% (RH)

Packaging

Length	305m (1000.66 ft) ± 1.5 m (4.92 ft)
Packaging Dimensions	390mm × 390mm × 230mm (15.35" × 15.35" × 9.05") (L × W × H)
Packaging Method	305 m (1000.66 ft) a carton, one protection carton with 2 cartons inside
Net Weight	10kg±0.6kg (22 lb±1.32lb)
Gross Weight	11kg±0.6kg (24.20 lb±1.32lb)

Executive Standard

Executive Standard	EN50575:2014+A1:2016 EN IEC62368-1 : 2020+A11 : 2020 ISO/IEC 11801 ; ANSI/TIA 568-C.2
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Dimensions (mm/inch)

