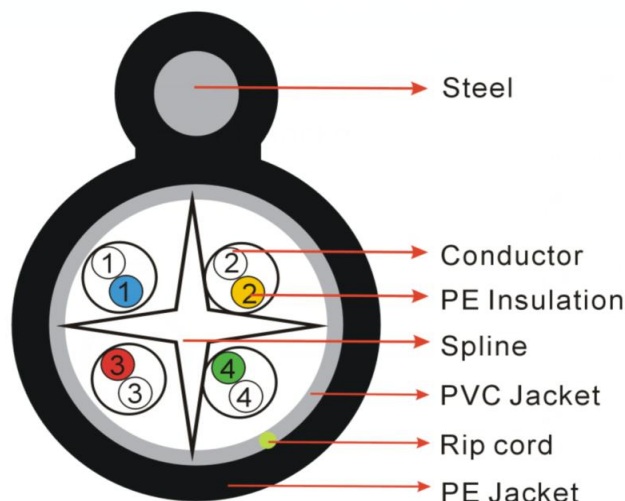
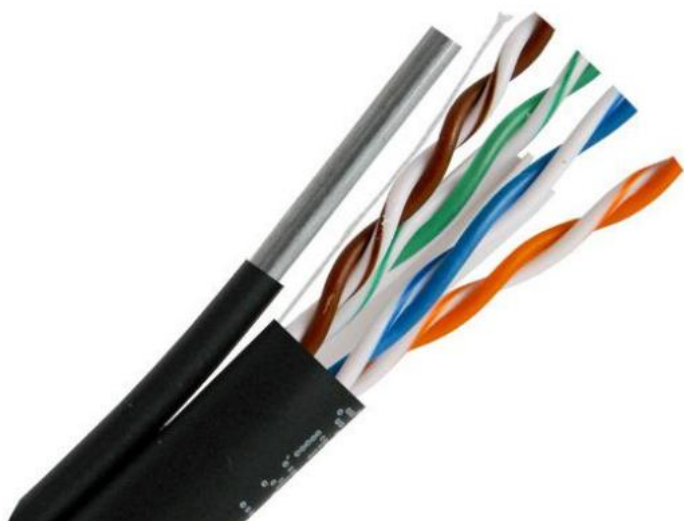


OUTDOOR CAT6 CABLE DC1-6-305-CCA-MOUT



DESCRIPTION

UTP CAT6 4 Pair 23AWG 1000ft
Outdoor Jacket UV Rated Waterproof with Steel

FEATURES

- High-Performance Data Cable
- CAT6 Unshielded Twisted Pairs
- Outdoor UV Rated Waterproof Jacket with Steel
- 23AWG Solid CCA Conductors
- TIA/EIA-568B.2, ISO/IEC 11801

APPLICATION

IEEE 802.3: 1000Base-T; 100Base-T; 10Base-T
IEEE 802.5: 4/6 Mbps Token Ring
Structure Cabling ,155Mbps ATM , ISDN
Gigabit Ethernet

MODEL

No	Length	Color
150202	1000ft(305m)	Black
150102	328ft(100m)	Black

SPECIFICATION

Technical Data

DC resistance	Max 23 Ω / 100 m
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

Conductor

Material	Solid CCA
AWG	23AWG
Conductor Diameter	4x2x1/0.57mm \pm 0.01

Insulation

Material	HDPE
AVG. Thickness	PE
Insulation Diameter	0.21 \pm 0.01 mm
	0.98 \pm 0.02mm

Messenger

High twisted & Ripcord

Inner Jacket

Outer Jacket

AVG. Thickness	Solid Steel 1.0mm
Outer Diameter	Yes
Color	PVC
Marking	LDPE UV Resistance
	0.55 mm
	6.6 \pm 0.1mm
	Black
	Available

Color of Pairs

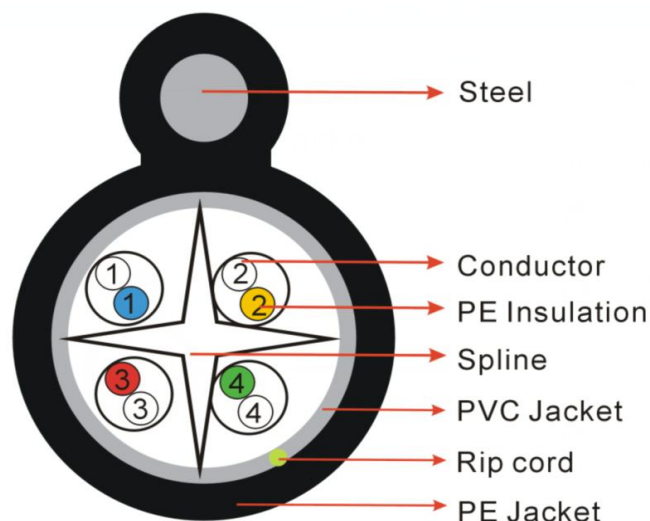
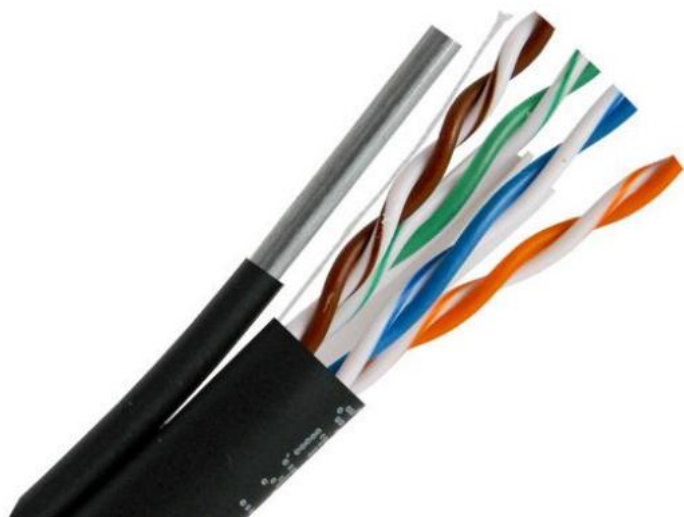
Pair 1	Blue	White-Blue
Pair 2	Orange	White-Orange
Pair 3	Green	White-Green
Pair 4	Brown	White-Brown

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OUTDOOR CAT6 CABLE DC1-6-305-CCA-MOUT



PACKING

Inner : Wooden Reel
Outer box : Brown Carton



PERFORMANCE

Mechanical Properties

Bending Radius	$\geq 4 \times OD$ (without load)
Temperature range	during operation : $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$
Reference Standard	during installation : $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Electrical Properties

DC resistance	Max $23 \Omega / 100 \text{ m}$ at 20°C
Insulation Resistance	$5000 \text{ m}\Omega / \text{km}$
Resistance unbalance	Max 5% at 20°C
Mutual capacitance	Max $5.6 \text{ nf} / 100 \text{ m}$ at 1 kHz
Cap. unbalance to ground	Max $330 \text{ pf} / 100 \text{ m}$ at 1 kHz
Characteristics impedance	$(100 \pm 15) \Omega$ at $1 \sim 100 \text{ Mhz}$
Nominal velocity of	67%
Propagation delay	$\leq 535 \text{ ns} / 100 \text{ m}$
Delay skew	$\leq 45 \text{ ns} / 100 \text{ m}$

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