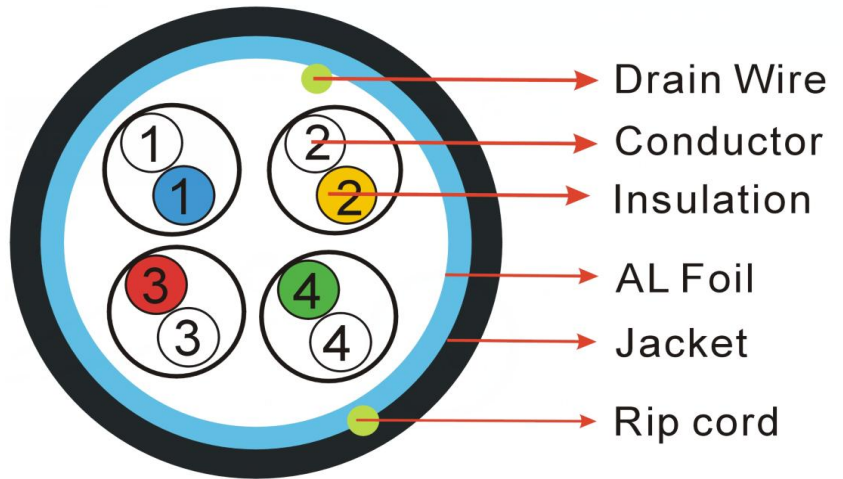
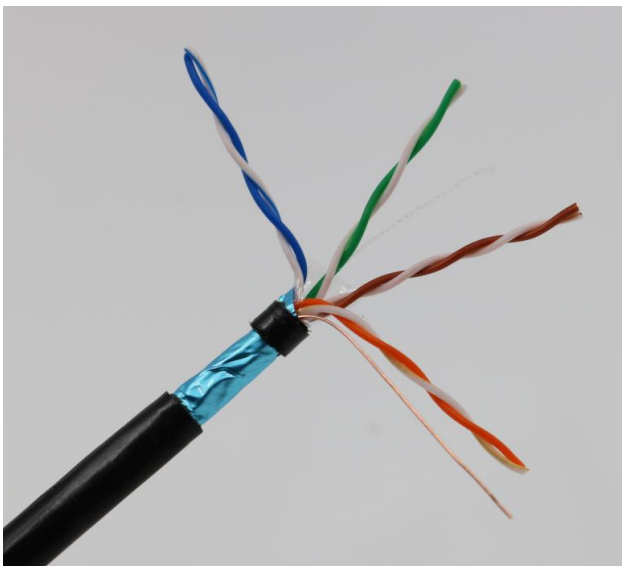


OUTDOOR CAT5E STP DC13-5E-305B24BC-OUT



DESCRIPTION

UTP CAT5E 4 Pair 24AWG 1000ft
Outdoor Jacket UV Rated Waterproof

FEATURES

- High-Performance Data Cable
- CAT5E Unshielded Twisted Pairs
- Outdoor UV Rated Waterproof Jacket
- 24AWG Solid Bare Copper 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
130212	1000ft(305m)	Black
130112	328ft(100m)	Black

SPECIFICATION

Technical Data

DC resistance	Max 9.8 / 100 m
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

Conductor

Material	Solid Bare copper
AWG	Copper 100%
Conductor Diameter	24AWG
	4x2x1/0.5mm±0.01

Insulation

Material	HDPE
AVG. Thickness	PE
Insulation Diameter	0.21 ± 0.01 mm
	0.90 ± 0.02mm

High twisted & Ripcord

Inner Jacket

Outer Jacket

AVG. Thickness	Yes	0.55 mm
Outer Diameter	No	5.4± 0.1mm
Color	LDPE UV Resistance	Available
Marking		Available

Color of Pairs

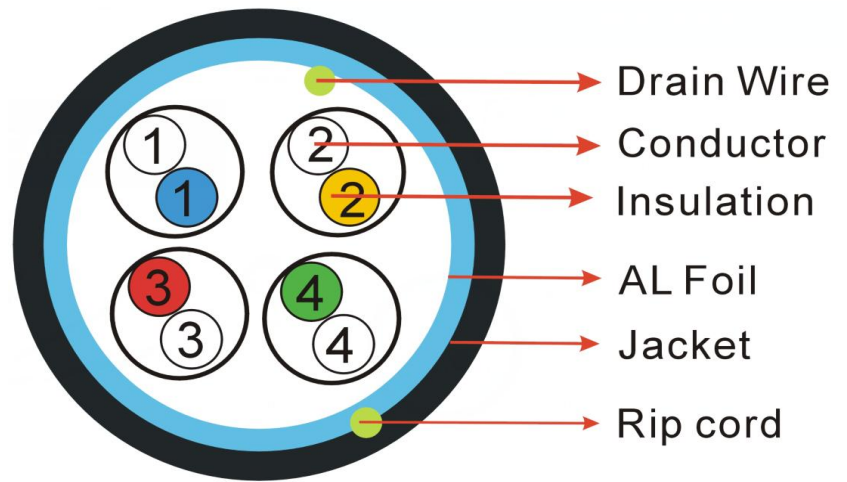
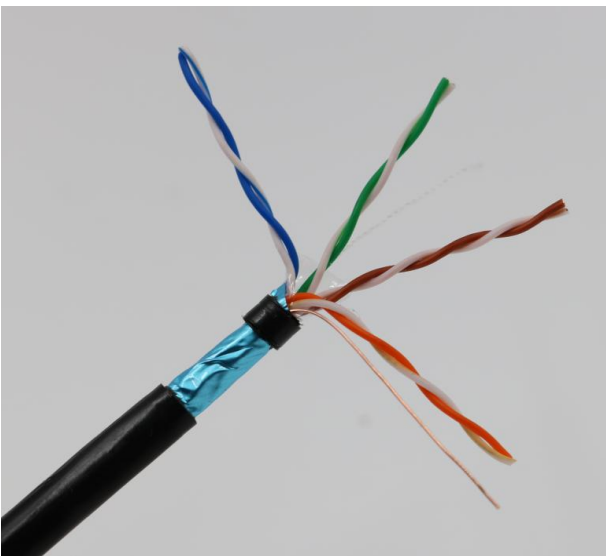
Pair 1	Blue	White-Blue
Pair 2	Orange	White-Orange
Pair 3	Green	White-Green
Pair 4	Brown	White-Brown

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OUTDOOR CAT5E STP DC13-5E-305B24BC-OUT



PACKING

Inner : Pull box/ 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 $9.8 \Omega / 100 \text{ m}$ 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 propagation	67%
Propagation delay	$\leq 535 \text{ ns} / 100 \text{ m}$
Delay skew	$\leq 45 \text{ ns} / 100 \text{ m}$

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