



UTP CAT6 Cable

RJ45 CAT6 Silver Series
Outdoor Cat6 UTP 23AWG 0.56MM (305M)
Outdoor Cat6 UTP 23AWG 0.56mm CCA+PE
Insulation+Cross+Ripcord PVC +PE Jacket

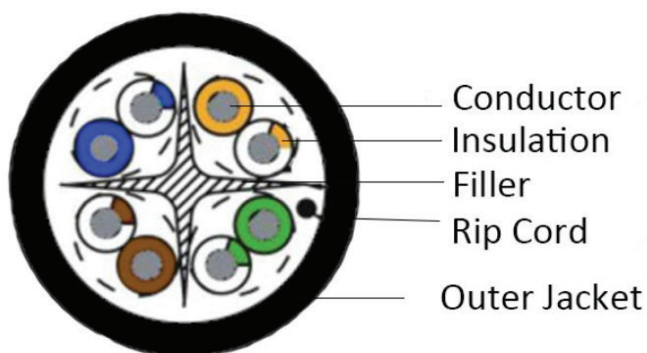
CF-UTP-023AWG-S305



Specification

Product Structure

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



Conductor

Conductor	Solid CCA
AWG	23
Conductor Diameter (mm)	0.56 (± 0.01 mm)

Insulation

Insulation Material	HD-PE
Thickness (mm)	0.21 (± 0.02 mm)
Insulation Diameter (mm)	0.96 (± 0.02 mm)

Shielding

Alumumium	Unshielded
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Filler Material

Material	PP
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Jacket

Jacket Material	PVC+ PE
Thickness (mm)	0.55(± 0.03 mm)
Outer Diameter (mm)	6.3 (± 0.2 mm)

Rip Cord

Rip Cord	As Request
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Features

Performance	High-Performance Data Cable
Pair Identification	Easily Identified Color-Striped Pairs
Standards	EIA/TIA568 & ISO/IEC 11801
Temperature Rating	-40°C to 80°C
Jacket	UV Resistance waterproof Jacket LDPE

Electrical Properties

DC resistance	$\leq 70 \Omega / 305 \text{ m}$ at 20 °C
Voltage rating(V)	$\leq 30\text{V}$
Mutual capacitance	Max 5.6 nf / 100 m at 1kHz
Characteristics impedance	$(100 \pm 15) \Omega$ at 1 ~ 100 Mhz
Propagation delay	$\leq 535 \text{ ns} / 100 \text{ m}$

Applications

Standards Supported	IEEE 802.3: 100Base-T; 1000Base-T
Usage 1	High Speed Horizontal Cabling
Usage 2	Suitable for Audio Data and Video Transfer For Network
Usage 3	Gigabit Ethernet, Structure Cabling, 622 Mbps ATM

Cable

Jacket Marking	COFE OUTDOOR NETWORK CABLE UTP CAT6 4PR 23AWG CCA CABLE WITH 11801 TIA/EIA 568B STANDARD 001-305M
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