



UTP CAT6 Cable

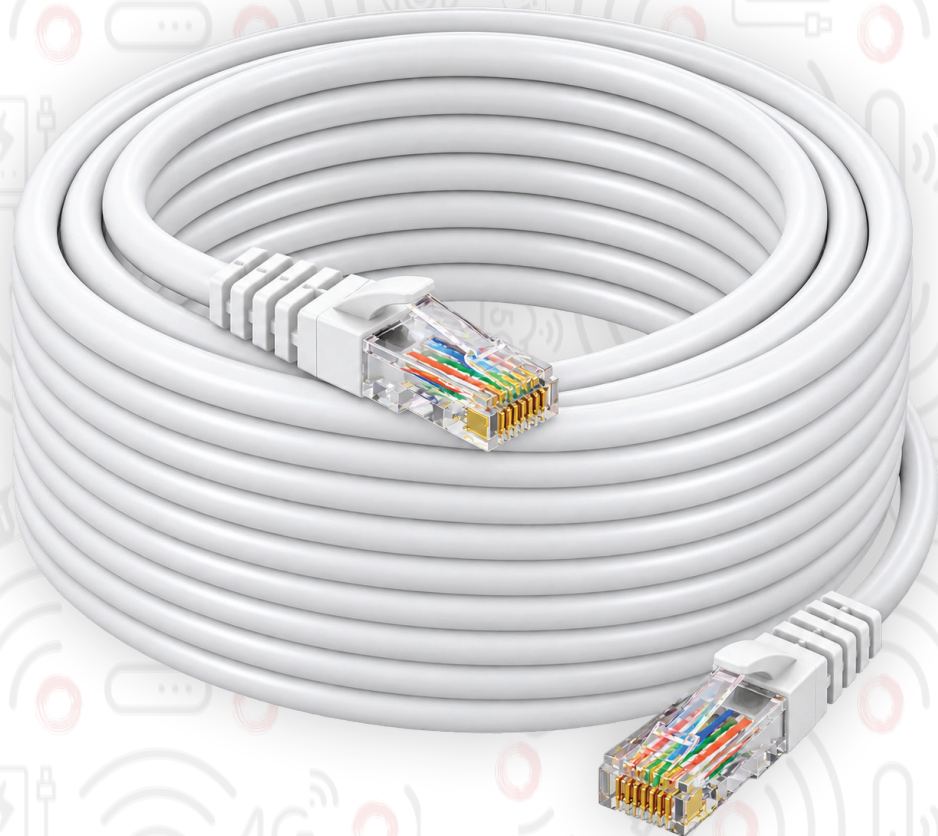
RJ45 CAT6 Silver Series

Outdoor UTP 24AWG 0.52MM (305M)

Indoor CAT6 UTP 24AWG 0.52mm CCA+PE

Insulation+Cross+Ripcord PVC +PE Jacket

CF-UTP-I24AWG-S305



Specification

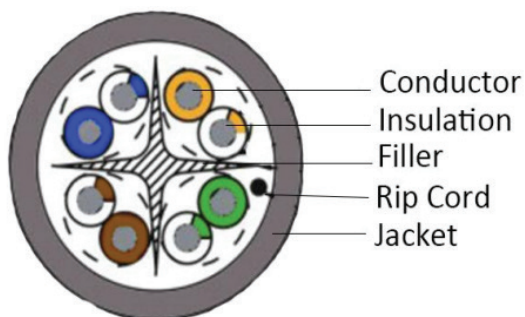
Product Structure

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	24
Conductor Diameter (mm)	0.52 (± 0.01 mm)

Insulation

Insulation Material	HD-PE
Thickness (mm)	0.2 (± 0.02 mm)
Insulation Diameter (mm)	0.94 (± 0.02 mm)

Shielding

Alumumium	Unshielded
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Filler Material

Material	PP
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Jacket

Jacket Material	PVC
Thickness (mm)	0.55(± 0.03 mm)
Outer Diameter (mm)	5.8 (± 0.2 mm)

Rip Cord

Rip Cord	As Request
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Features	
Performance	High-Performance Data Cable
Shielding	CAT6 Unshielded Twisted Pairs
Pair Identification	Easily Identified Color-Striped Pairs
Standards	EIA/TIA568 & ISO/IEC 11801
Temperature Rating	-25°C to 75°C
Electrical Properties	
DC resistance	$\leq 81 \Omega / 305 \text{ m}$ 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 INDOOR NETWORK CABLE UTP CAT6 4PR 24AWG CCA CABLE WITH 11801 TIA/EIA 568B STANDARD 001-305M