



# UTP CAT6 Cable

RJ45 CAT6 Silver Series

Outdoor UTP 24AWG 0.52MM (100M)

Indoor CAT6 UTP 24AWG 0.52mm CCA+PE

Insulation+Cross+Ripcord PVC +PE Jacket

**CF-UTP-I24AWG-S100**



## Specification

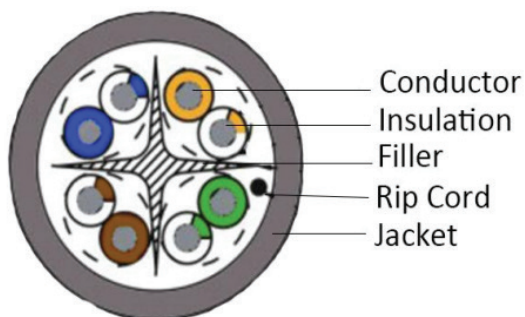
### Product Structure

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 ( $\pm 0.01$ mm)

### Insulation

Insulation Material

HD-PE

Thickness (mm)

0.2 ( $\pm 0.02$ mm)

Insulation Diameter (mm)

0.94 ( $\pm 0.02$ mm)

### Shielding

Alumumium

Unshielded

### Filler Material

Material

PP

### Jacket

Jacket Material

PVC

Thickness (mm)

0.55( $\pm 0.03$ mm)

Outer Diameter (mm)

5.8 ( $\pm 0.2$ mm)

### Rip Cord

Rip Cord

As Request

## 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             | $\leq 26.6 \Omega / 100 \text{ m}$ 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<br>CCA CABLE WITH 11801 TIA/EIA 568B STANDARD 001-100M |
|----------------|-----------------------------------------------------------------------------------------------------|