



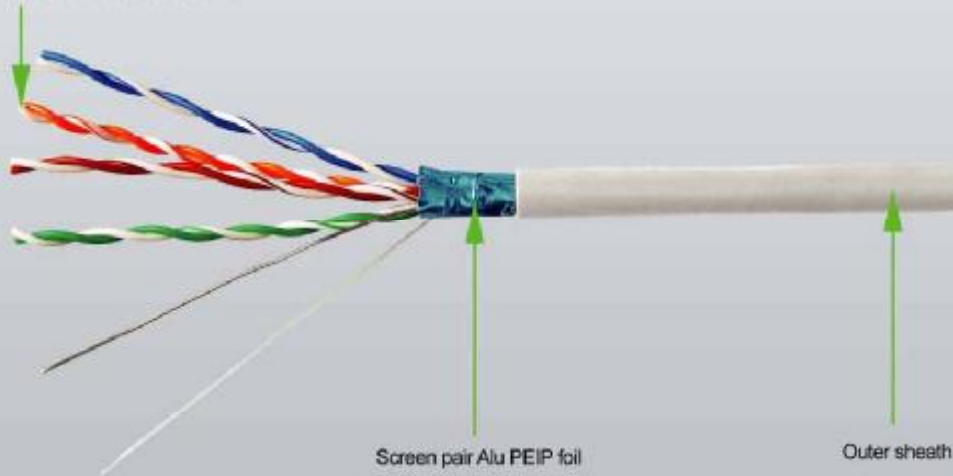
**Linkbasic information technology create an excellence in the future**  
 Fashion and selection  
 Introduction of our products:

# 4 TWISTED PAIR FTP CATEGORY 5E SPECIFICATION

CABLE CLA04-SC5E



Inner conductor AWG 24 Bare Cu wire



Screen pair Alu PEIP foil

Outer sheath

## TYPICAL CABLE PERFORMANCE

| Frequency MHz | Return loss dB | Attenuation dB/100m | NEXT dB | ACR dB | PSNEXT dB | ELFEXT dB/100m | PSELFEXT dB/100m | Delay ns/100m |
|---------------|----------------|---------------------|---------|--------|-----------|----------------|------------------|---------------|
| 0.772         | 19.4           | 1.8                 | 67      | 65     | 64        | 66             | 63               | 575           |
| 1.0           | 20.0           | 2                   | 65.3    | 63.0   | 62.3      | 63.8           | 60.8             | 570           |
| 4.0           | 23.0           | 4.1                 | 56.3    | 52.0   | 53.3      | 51.7           | 48.7             | 552           |
| 8.0           | 24.5           | 5.8                 | 51.8    | 46.0   | 48.8      | 45.7           | 42.7             | 546.7         |
| 10.0          | 25.0           | 6.5                 | 50.3    | 44.0   | 47.3      | 43.8           | 40.8             | 545.4         |
| 16.0          | 25.0           | 8.2                 | 47.3    | 39.0   | 44.3      | 39.7           | 36.7             | 543           |
| 20.0          | 25.0           | 9.3                 | 45.8    | 37.0   | 42.8      | 37.7           | 34.7             | 542           |
| 25.0          | 24.3           | 10.4                | 44.3    | 34.0   | 41.3      | 35.8           | 32.8             | 541.2         |
| 31.25         | 23.6           | 11.7                | 42.9    | 31.0   | 39.9      | 33.9           | 30.9             | 540.4         |
| 62.5          | 21.5           | 17                  | 38.4    | 21.0   | 35.4      | 27.8           | 24.8             | 438.6         |
| 100.0         | 20.1           | 22                  | 35.3    | 13.0   | 32.3      | 23.8           | 20.8             | 537.6         |

## Order Information

| Part number | Description            | Carton       | Carton measurement       | Carton weight |
|-------------|------------------------|--------------|--------------------------|---------------|
| CLA04-SC5E  | Cat 5e FTP solid cable | 305m(1000ft) | L 24cm × W 38cm × H 38cm | 13KG          |

# 4 TWISTED PAIR UTP CATEGORY 5E SPECIFICATION CABLE CLA04-UC5E



## Products Description

Standard Length: 305m per Box  
 Application: This 4-pair Category 5e cable is tested for power Sum NEXT, ELFEXT, Delay Skew, Propagation Delay and any other criteria as specified in the emerging standard. Applications can include Voice, ISDN, ATM155 and 622 Mbps, 100Mbps TPDDI, Fast and Gigabit Ethernet, Shielding protects against EMI/RFI interference.

### Cable Data

|                                      |                       |
|--------------------------------------|-----------------------|
| ■ Conductor                          | Solid bare copper     |
| ■ AWG                                | 24                    |
| ■ Conductor Dia (mm)                 | 0.51                  |
| ■ Insulation                         | PE                    |
| ■ Average thickness ( $\pm 0.03$ mm) | 0.20                  |
| ■ Min point thickness :              | 0.17                  |
| ■ Insulation Dia ( $\pm 0.03$ mm)    | 0.91                  |
| ■ Twisting lay length (mm)           | 30 underneath         |
| ■ Cabling lay length (mm)            | 200 underneath        |
| ■ Jacket                             | PVC                   |
| ■ Average thickness                  | 0.5                   |
| ■ Min point thickness                | 0.43                  |
| ■ Outer Dia ( $\pm 1.0$ mm)          | 5.1                   |
| ■ Rip cord                           | YES                   |
| ■ Weight Nom(kg/km)                  | 32                    |
| ■ Core color :                       |                       |
| Pair 1:                              | Blue -white /blue     |
| Pair 2:                              | Orange -white /orange |
| Pair 3:                              | Green -white /orange  |
| Pair 4:                              | Brown -white/brown    |

## Photo

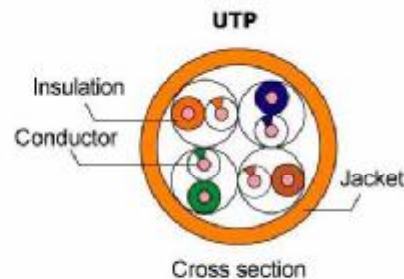


## Products Description

### Electrical Performance (At 100MHz)

- 1.0-100.0 MHz Impedance ( ohms)  $100 \pm 15$
- 1.0-100.0 MHz Impedance delay screw(ns/100m) < 45
- Pair to Ground Capacitance Unbalance (PF/100m) 330Max
- conductor DC resistance 20%(ohms/km) < 93.8
- Resistance Unbalance (%) 5
- Test object Jacket
- Test Material PVC
- Before Tensile strength (Mpa)  $\geq 13.8$
- Aging Elongation (%)  $\geq 100$
- Aging condition ( C xhrs)  $100 \times 240$
- After Tensile strength (Mpa)  $\geq 85\%$  of unaged
- Aging Elongation (%)  $\geq 50\%$  of naged
- Cold bend ( $-20 \pm 2$  C  $\times 4$  hrs) No crack

## Presentation

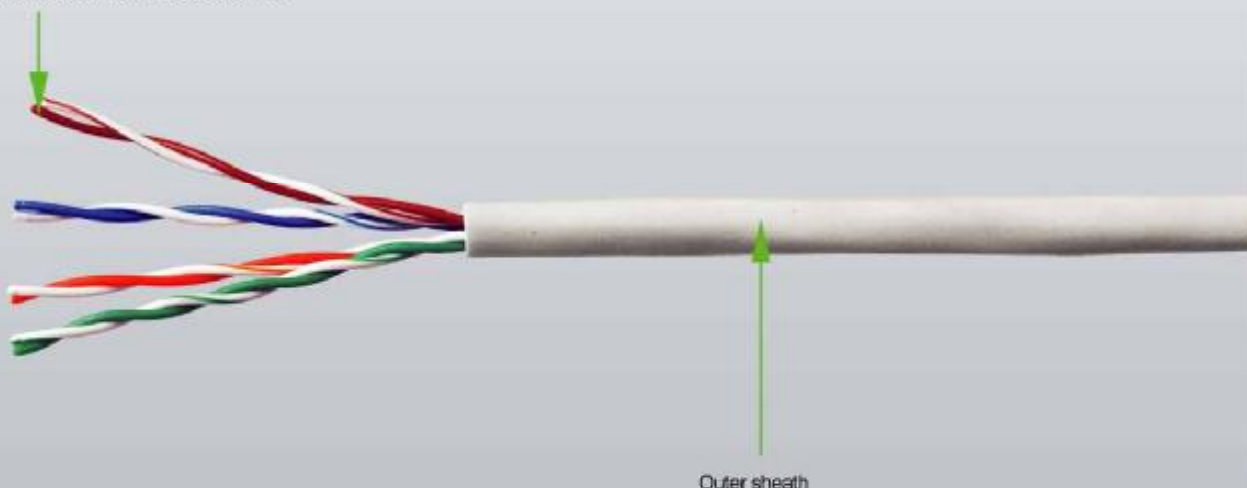


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