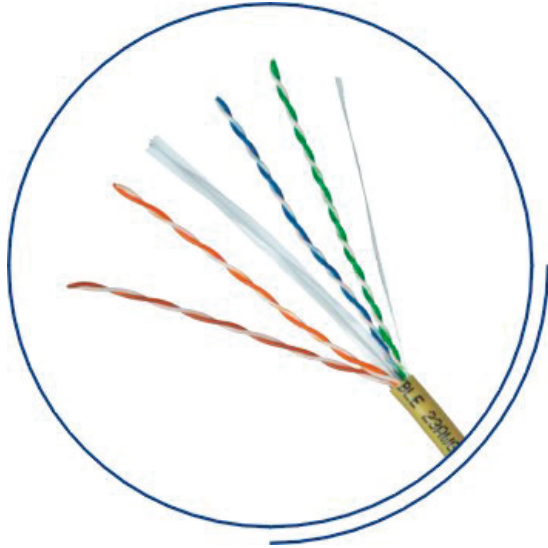


INDOOR AND OUTDOOR UTP CAT6

ONE JACKET 23AWG 4Pairs 40 % copper clad aluminum



Application/

- Ethernet 10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155 Mbps ATM, 622Mbps ATM, 1000Base-T
- Telephone
- Multimedia
- Trunk wiring
- 10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155 Mbps ATM, 622Mbps ATM, 1000Base-T

Reference Standard

ISO/IEC 11801

ANSI/TIA/EIA-568-B

YD/T 1019-2002

(Working Frequency)

- 1-550MHz

Technical Parameters

◎Characteristic Impedance: $100 \pm 15 \Omega$ (1-550MHz)

◎Nominal Velocity of Propagation(NVP):CMX,CM,CMR,LSZH 69%,OSP 7

◎Maximum Mutual Capacitance:5.6nF/100m

◎Maximum Capacitance Unbalance:330pF/100m

◎Maximum Resistance Unbalance:3%

◎Maximum Propagation Delay Skew:30ns/100m



◎Maximum Propagation Delay:536ns/100m@100MHz

◎Minimum Bending radius: 10×Overall Diameter

◎Voltage Rating:80V rms

◎Maximum Pulling Load: 80N

◎Working Temperature:-5°C~+50°C

◎Storage Temperature:-20°C~+60°C

电缆结构参数 Cable Parameters:

| Item No. 产品编号 | Construction 结构类型 | Nominal Conductor Dimension 导体标称直径 (MM) | Nominal Insulation Dimension 绝缘标称直径 (MM) | Pairs | Overall Diameter 成品外径 (mm) | Type of Jacket 护套类型 | Remark 备注 |
|------------------|----------------------|--|---|-------|-------------------------------------|------------------------------|-----------|
| INDOOR | UTP | 0.57 | 1.02 | 4 | 6.20 | PVC GREY | |
| OUTDOOR | UTP | 0.57 | 1.15 | 4 | 6.70 | Black PE One jacket jelly | |
| | | | | | | | |
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Product Highlights:

◎Provide excellent bandwidth beyond 350MHz.

◎Meet the strict flame retardant and environmental requirements in Europe and US.

◎Different jacket materials available for choice.

◎Guaranteed ACR Value > 0dB@200MHz.

◎Special propose cables can be offered according to customer request.

◎Different jacket color options available for choice.



Technical data

| | | |
|-----------------|----------------------------|--|
| Inner Conductor | Number of Pairs | 4 |
| | Total Number of Conductors | 8 |
| | Conductor Material | 40% COPPER CLADDED ALUMINUM |
| | Wire Gage | 23AWG=0.575 |
| | Conductor Diam(Ø)mm | Φ 0.575±0.005mm |
| | Elongation | ≥ 15% |
| Insulation | Insulation Material | HDPE - Polyethylene |
| | | |
| | | |
| | Color Cord | Pair 1: White-Blue & Blue; Pair 2: White-Orange & Orange Pair 3: White-Green & Green; Pair 4: White-Brown & Brown |
| Paired | Length of Lay | < 20mm |
| Spacer | Material | HDPE |
| | Diameter | 4.5*0.45 |
| Cabling | Order of the Pair | See the Cross Section |
| Out Sheath | Sheath Material | PVC Flame Retardant /RoHS |
| | Color | Grey or PE jacket |
| | | |
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