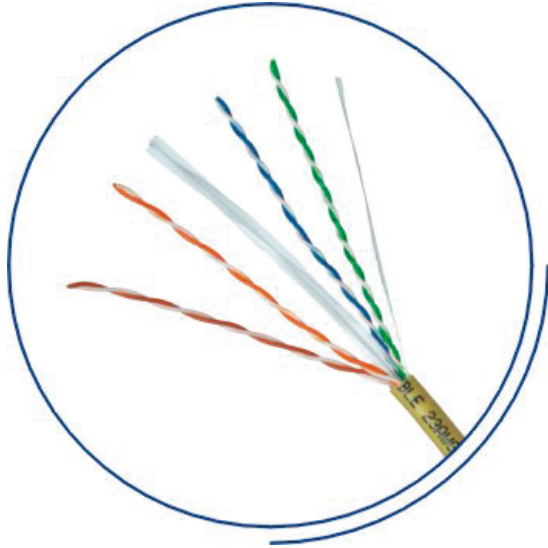


INDOOR AND OUTDOOR UTP CAT6

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%, CMP 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	

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

