



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

4 TWISTED PAIR UTP CATEGORY 6 SPECIFICATION



Products Description

Standard Length: 305 m per Box
Application: POTS , T1&T1 fractional , ISDN basic & primary Rate , 4/16 Mbps Token Ring (IEEE802.5) , 10 BASE-T (IEEE 802.3) , 100 Mbps TP-PMD , 52/155 Mbps ATM (ATM Forum), 100BASE-T4 (fast Ethernet) , 100 VG-AnyLAN (IEEE802.12) , 100 BASE-T (Fast Ethernet), 1 Gbps Ethernet (IEEE 802.3).

Cable Data

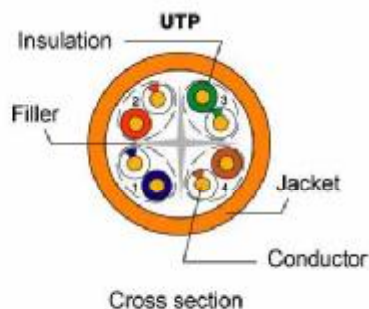
■ Conductor	Solid bare copper
■ AWG	23
■ Conductor Dia (mm)	0.57
■ Insulation	PE
■ Average thickness (±0.03mm)	0.22
■ Min point thickness :	0.18
■ Insulation Dia (±0.03mm)	1.02
■ Twisting lay length (mm)	30 underneath
■ Cabling lay length (mm)	200 underneath
■ Jacket	PVC
■ Average thickness	0.5
■ Min point thickness	0.43
■ Outer Dia (±1.0mm)	6.0
■ Rip cord	YES
■ Weight Nom(kg/km)	42
■ Core color :	
Pair 1:	Blue -white /blue
Pair 2:	Orange -white /orange
Pair 3:	Green -white /orange
Pair 4:	Brown -white/brown

Products Description

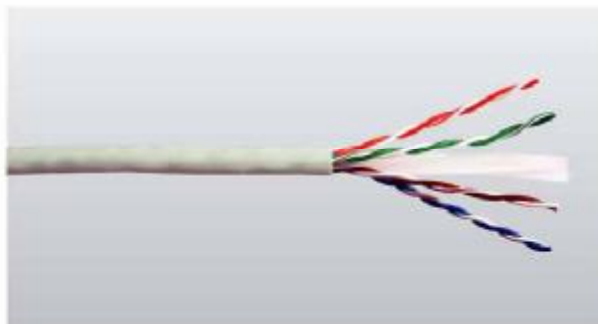
Electrical Performance (At 250MHz)

- 1.0-100.0 MHz Impedance (ohms) 100 ± 15
- 100.0-250.0 MHz Impedance (ohms) 100 ± 22
- Impedance Delay screw (ns/100m) < 45
- Pair to Ground Capacitance Unbalance (PF/100m) 330Max
- conductor DC resistance 20%(ohms/km) < 73.2
- Resistance Unbalance (%) 5
- Test object Jacket
- Test Material PVC
- Before Tensile strength (Mpa) > 13.8
- Aging Elongation ((%) > 100
- Aging condition (°C xhrs) 100 × 240
- After Tensile strength (Mpa) > 85% of unaged
- Aging Elongation (%) > 50% of naged
- Cold bend (-20 ± 2 °C × 4 hrs) No crack

Presentation

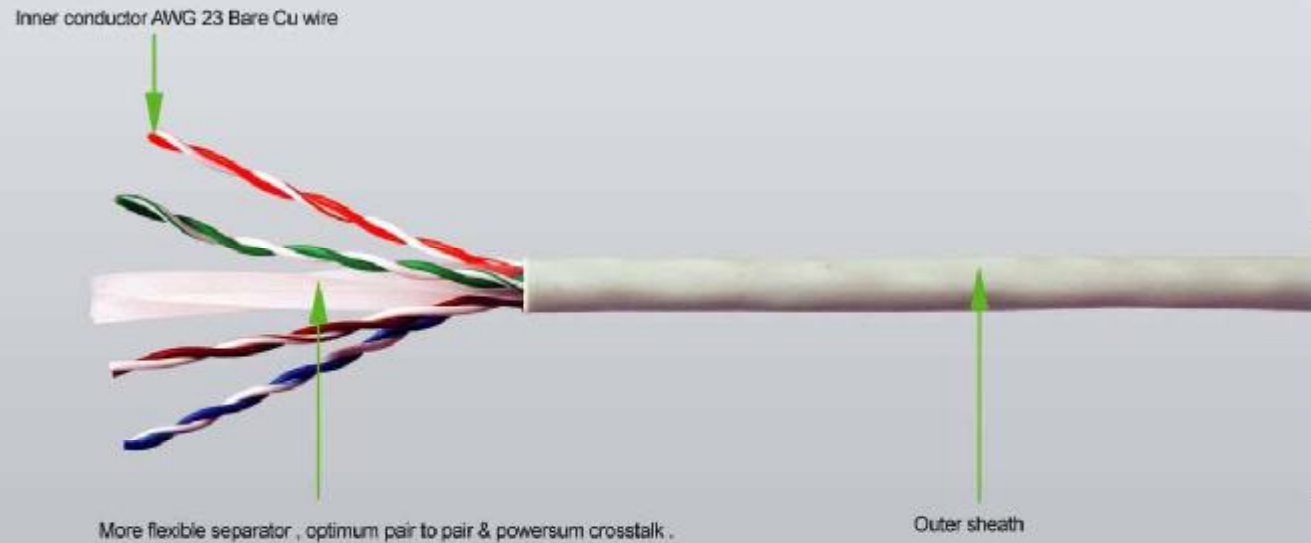


Photo



4 TWISTED PAIR UTP CATEGORY 6 SPECIFICATION

CABLE CLG04-UC6



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	76.0	74.0	74.0	70	67	575.0
1.0	20.0	2.0	74.3	72.0	72.3	67.8	64.8	570.0
4.0	23.0	3.8	65.5	61.0	63.3	55.8	52.8	552.0
8.0	24.5	5.3	60.8	55.0	58.8	49.7	46.7	546.7
10.0	25.0	6.0	59.3	53.0	57.3	47.8	44.8	545.4
16.0	25.0	7.6	56.2	49.0	54.2	43.7	40.7	543.0
20.0	25.0	8.5	54.8	46.0	52.8	41.8	38.8	542.0
25.0	24.3	9.5	53.3	44.0	51.3	39.8	36.8	541.2
31.25	23.6	10.7	51.9	41.0	49.9	37.9	34.9	540.4
62.5	21.5	15.4	47.4	32.0	45.4	31.9	28.9	538.6
100.0	20.1	19.8	44.3	24.5	42.3	27.8	24.8	537.6
200.0	18.0	29.0	39.8	10.8	37.8	21.8	18.8	536.5
250.0	17.3	32.8	38.3	5.5	36.3	19.8	16.8	536.3

Order Information

Part number	Description	Carton	Carton measurement	Carton weight
CLG04-UC6	Cat 6 UTP solid cable	305m(1000ft)	L 31cm × W 34cm × H 37cm	14KG

The end to end network cabling solution
 Linkbasic Information Technology Co., Ltd A brief introduction

LINKBASIC
 Network Cabling Systems

CABLE
 Copper solution products

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