



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



4 TWISTED PAIR FTP CATEGORY 6 SPECIFICATION CABLE CLG04-SC6



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

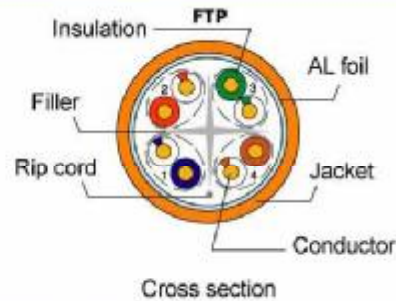
- Conductor Solid bare copper
- AWG 23
- Conductor Dia (mm) 0.57
- Insulation PE
- Average thickness (±0.03mm) 0.28
- Min point thickness: 0.24
- Insulation Dia (±0.03mm) 1.00
- Twisting lay length (mm) 30 underneath
- Cabling lay length (mm) 200 underneath
- Jacket PVC
- Average thickness 0.5
- Min point thickness 0.4
- Outer Dia (±1.0mm) 6.6
- Rip cord YES
- Weight Nom(kg/km) 60
- 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 $\times 4$ hrs) No crack

Presentation



Photo

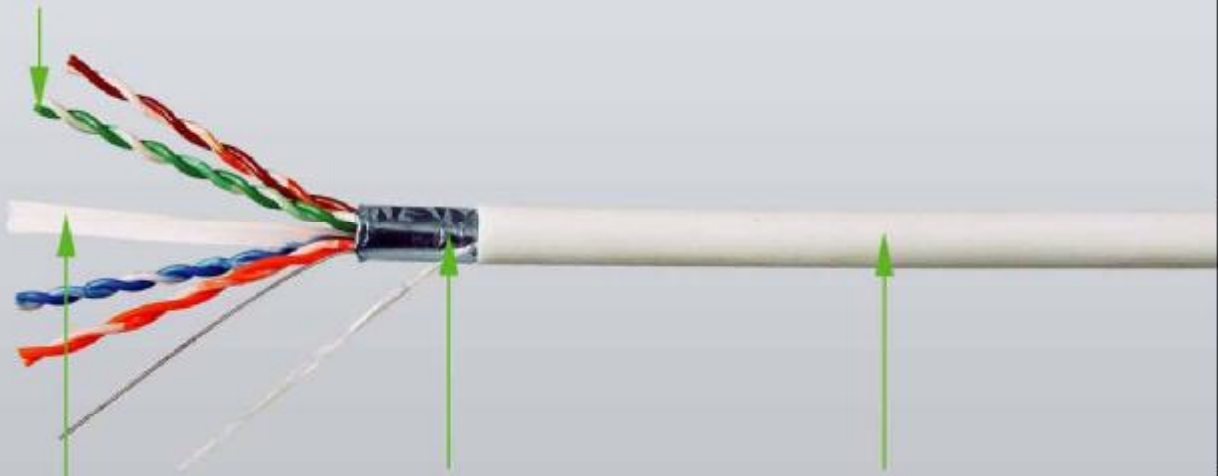


4 TWISTED PAIR FTP CATEGORY 6 SPECIFICATION

CABLE CLG04-SC6



Inner conductor AWG 23 Bare Cu wire



More flexible separator, optimum pair to pair & powersum crosstalk.

Screen pair Alu PEIP foil

Outer sheath

CABLE
Copper solution products

FIBER OPTIC
SOLUTION PRODUCTS

CABINET & ENCLOSURE

TELECOMMUNICATION
SERIES

MINI LAN SOHO
SOLUTION PRODUCTS

TOOLS & TESTERS

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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-SC6	Cat 6 FTP solid cable	305m(1000ft)	L 31cm × W 34cm × H 37cm	16KG

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

LINKBASIC
Network Cabling Systems