



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

Linkbasic Information Technology Co., Ltd. create an excellence in the future
 fashion and selection
 introduction of new products

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4 TWISTED PAIR CATEGORY 5 SPECIFICATION

CABLE CLA04-SC5 CLA04-UC5 CLC04-UC5 CLA25-UC5



Products Description

Standard Length: 305m per Box

Application: This 4-pair Category 5 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 ($\pm 0.03\text{mm}$)	0.20
Min point thickness :	0.17
Insulation Dia ($\pm 0.03\text{mm}$)	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 ($\pm 1.0\text{mm}$)	5.1
Rip cord	YES
Core color :	
Pair 1:	Blue -white /blue
Pair 2:	Orange -white /orange
Pair 3:	Green -white /orange
Pair 4:	Brown -white/brown

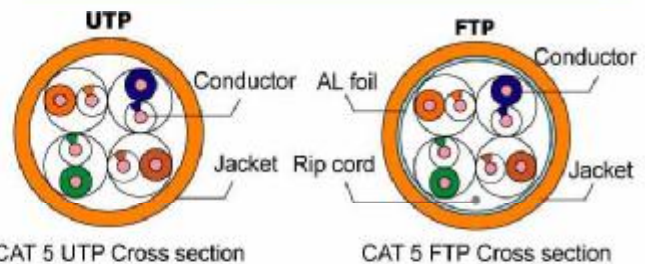


Products Description

Electrical Performance (At 100MHz)

- 1.0-100.0 MHz Impedance (ohms) 100 ± 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) > 13.8
- Aging Elongation ((%) > 100
- Aging condition ($^{\circ}\text{C}$ xhrs) 100×240
- After Tensile strength (Mpa) $> 85\%$ of unaged
- Aging Elongation (%) $> 50\%$ of naged
- Cold bend ($-20 \pm 2^{\circ}\text{C} \times 4$ hrs) No crack

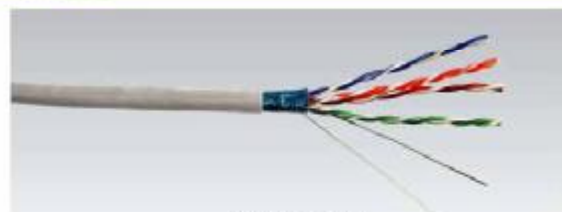
Presentation



CAT 5 UTP Cross section

CAT 5 FTP Cross section

Photo



CLA04-SC5



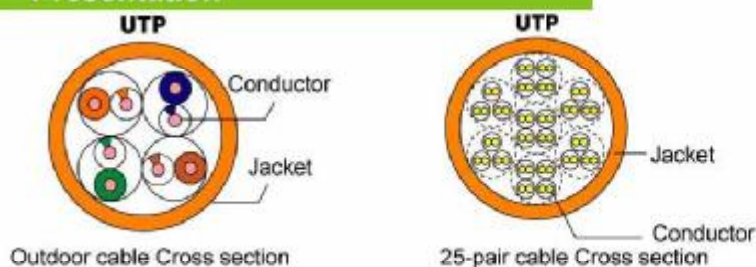
CLA04-UC5

4 TWISTED PAIR CATEGORY 5 SPECIFICATION



CABLE CLA04-SC5 CLA04-UC5 CLB04-UC5 CLC04-UC5 CLA25-UC5

Presentation



Photo



CLC04-UC5

CLA25-UC5

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-SC5	Cat 5 FTP solid cable	305m(1000ft)	L24cm × W38cm × H38cm	13KG
CLA04-UC5	Cat 5 UTP solid cable	305m(1000ft)	L22cm × W34cm × H34cm	10KG
CLC04-UC5	Cat 5 UTP outdoor solid cable	305m(1000ft)	L24cm × W38cm × H38cm	12KG
CLA25-UC5	Cat 5 UTP 25-pair solid cable	305m(1000ft)		63KG