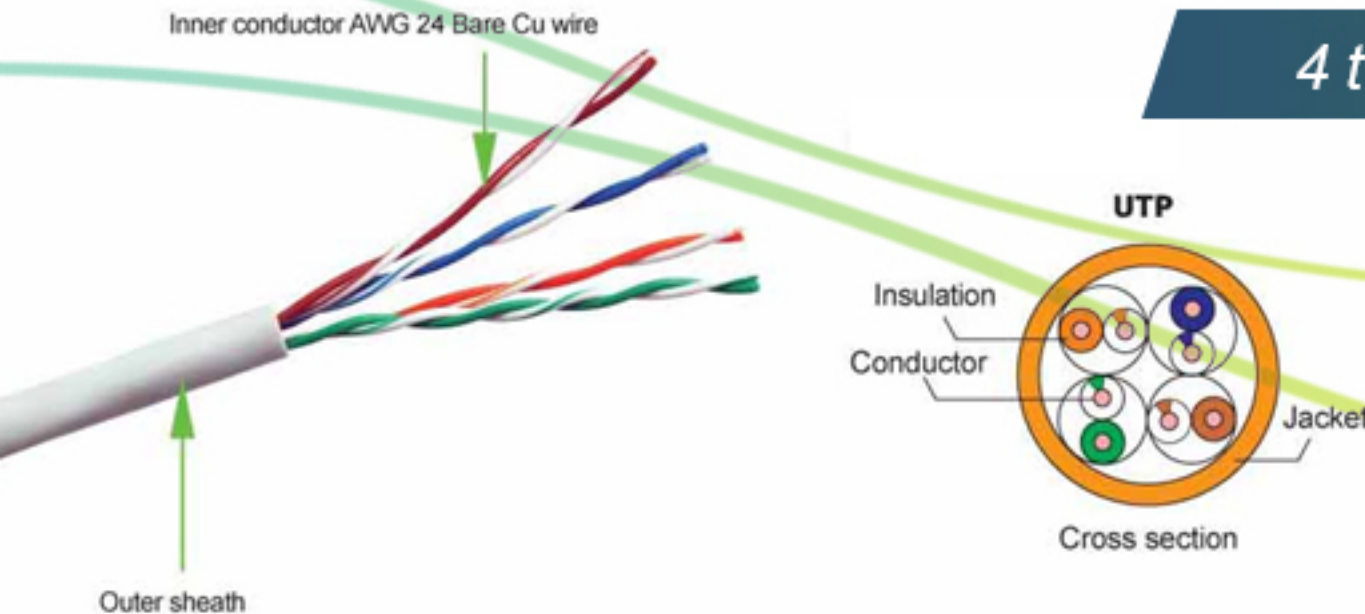


CLA04-UC5E

4 twisted pair utp category 5e



Products Description

Standard Length: 305m per Box

Application: This 4-pair Category 5e 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 (± 0.03mm)	0.20
Min point thickness	0.17
Insulation Dia (± 0.03mm)	0.91
Twisting lay length (mm)	30 underneath
Cabling lay length (mm)	200 underneath
Jacket	PVC
Average thickness	0.5
Mini Point thickness	0.43
Outer Dia (± 1.0mm)	5.1
Rip cord	YES
Weight Nom(kg/km)	32

Core color

Pair 1	Blue-white/blue
Pair 2	Orange-white/orange
Pair 3	Green-white/green
Pair 4	Brown-white/brown

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 (Cxhrs)	100x240
After Tensile Strength (Mpa)	≥85% of unaged
Aging Elongation (%)	≥50% of naged
Cold bend (-20±2 Cx4 hrs)	No crack

Technical Parameters :

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	83	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