



CAT5E Cables



Construction:

Structure: Bare copper, PE insulation, FR PVC/LSOH PVC jacket

Standards: ISO/IEC 11801, ANSI/TIA/EIA-568A, 568B

Application: Used as work-station outlet to the FD/IDF and other horizontal cabling, supporting TP-PMD Audio, integrated service digital network (ISDN), ATM 155Mbps, 100Mbps TPDDI, Fast Ethernet etc.

Certificate: UL, CE

Colors available: White, Grey, Blue, Yellow, Green

Electrical Characteristics

Frequency (MHz)	Impedance (Ω)	Loss (dB)	Attenuation (dB/100m)		Next (dB)	Crosstalk /orst Pair (dB)
			solid	stranded		
0.772	100±15	9.4	1.8	2.2	54.0	63.0
1.000	100±15	9.0	2.0	2.4	52.3	60.8
4.000	100±15	7.3	4.1	4.9	53.3	48.8
8.000	100±15	6.5	5.8	6.9	48.8	42.7
10.000	100±15	6.0	6.5	7.8	47.3	40.8
16.000	100±15	5.5	8.2	9.9	44.2	36.7
20.000	100±15	5.0	9.3	11.1	42.8	34.8
25.000	100±15	4.7	10.4	12.5	41.3	32.8
31.250	100±15	4.3	11.7	14.1	39.9	30.9
62.500	100±15	3.5	17.0	20.4	35.4	24.9
100.000	100±15	2.0	22.0	26.4	32.3	20.8

Item No.	Description	W/G	Conductor Strand	Construction	Standard Length	
					pull-out box	ft/CTN
241	CAT5E Cable	4	solid	2*1/0.51	1000	2000
241	CAT5E Cable	4	solid	2*1/0.51	1000	2000
241	CAT5E Cable	4	solid	2*1/0.51	1000	2000

Cat6 Cables



Construction:

Structure: Bare copper, PE insulation, FR PVC/LSOH PVC jacket

Standards: ISO/IEC 11801, ANSI/TIA/EIA-568A, 568B

Application: Used as work-station outlet to the FD/IDF and other horizontal cabling, supporting TP-PMD Audio, integrated service digital network (ISDN), ATM 155Mbps, 100Mbps TPDDI, Fast Ethernet etc.

Certificate: UL, CE

Colors available: White, Grey, Blue, Yellow, Green

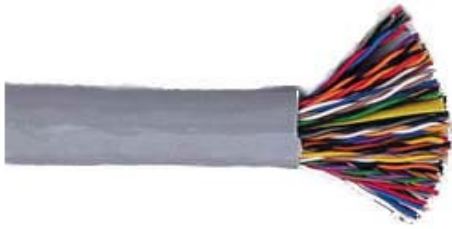
Electrical Characteristics

Frequency (MHz)	Impedance (Ω)	Loss (dB)	Attenuation (dB/100m)		Next (dB)	Crosstalk (dB)
			solid	stranded		
0.772	100±15	4	1.6	76.0	70.2	0.772
1.000	100±15	5	1.9	74.3	68.0	1.000
4.000	100±15	10	3.7	65.3	56.0	4.000
8.000	100±15	15	5.3	60.3	49.9	8.000
10.000	100±15	17	5.9	59.3	48.0	10.000
16.000	100±15	20	7.5	56.2	43.9	16.000
20.000	100±15	22	8.4	54.8	42.0	20.000
25.000	100±15	25	9.5	53.3	40.0	25.000
31.250	100±15	28	10.6	51.9	38.1	31.250
62.500	100±15	35	15.4	47.4	32.1	62.500
100.000	100±15	40	19.8	44.3	28.0	100.000
200.000	100±15	50	29.0	39.8	22.0	200.000
250.000	100±15	55	32.8	39.3	20.0	250.000

Item No.	Description	V/G	Conductor Strand	Construction	Standard Length	
					pull-out box	ft/CTN
231	TP CAT6	3	solid	*1/0.764	1000	2000



Cat3 Cables



Construction:

Structure: Bare copper, PE insulation, FR PVC/LSOH PVC jacket

Standards: TIA/EIA-568A, 568B

Application: Used in backbone subsystem and open type office system

Colors available: White, Grey, Black

Electrical Characteristics:

Frequency (MHz)	Impedance (Ω)	Return Loss (dB)	(dB/100m)	Next (dB)	Worst Pair (dB)
0.772	100 \pm 15	12.0	2.2	43.0	41.2
1.000	100 \pm 15	12.0	2.6	41.3	39.0
4.000	100 \pm 15	12.0	5.6	32.3	27.0
8.000	100 \pm 15	12.0	8.5	27.8	20.9
10.000	100 \pm 15	12.0	9.7	26.3	19.0
16.000	100 \pm 15	10.0	13.1	23.2	14.9

Part No.	Description	AWG	Conductor Strand	Construction
60241	CAT3 1P	24	solid	4*1/0.50
60242	CAT3 2P	24	solid	4*1/0.50
60243	CAT3 3P	24	solid	4*1/0.50
60244	CAT3 4P	24	solid	4*1/0.50
60246	CAT3 6P	24	solid	4*1/0.50
602410	CAT3 10P	24	solid	4*1/0.50
602412	CAT3 12P	24	solid	4*1/0.50
602425	CAT3 25P	24	solid	4*1/0.50
6024100	CAT3 100P	24	solid	4*1/0.50
60261	CAT3 1P	26	solid	4*1/0.45
60262	CAT3 2P	26	solid	4*1/0.45
60263	CAT3 3P	26	solid	4*1/0.45
60264	CAT3 4P	26	solid	4*1/0.45
60266	CAT3 6P	26	solid	4*1/0.45
602610	CAT3 10P	26	solid	4*1/0.45
602612	CAT3 12P	26	solid	4*1/0.45
602625	CAT3 25P	26	solid	4*1/0.45
6026100	CAT3 100P	26	solid	4*1/0.45