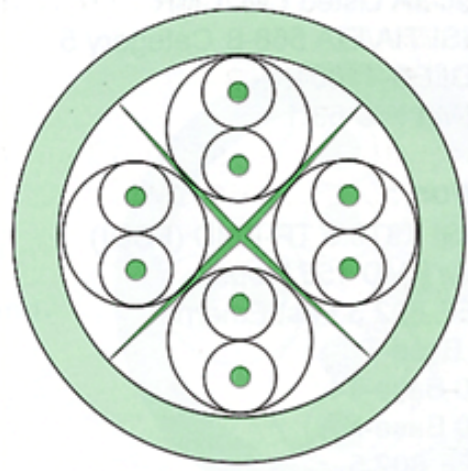


Unshielded Twisted Pair Category 6

Standards:

- Unshielded Twisted Pair Category 6
CM, CMR, CMP, LSOH
- ANSI/EIA/TIA 568B
- UL 444, 444(13), EN 50173, EN 50167(LSOH)
- UL 1581 (CM) UL 1666 (CMR) UL 910 (CMP)



Application:

- 100Mbps TPDDI
- 1000 Base-T
- 622 Mbps ATM
- IEEE 802.3
- IEEE 802.5
- DIGITAL VIDEO etc.
- Gigabit Ethernet

Construction

Item	Conductor	Insulation	Sheath
CM, CMR	Soild bare copper 0.540	HDPE	FR-PVC
CMP	Soild bare copper 0.540	FEP	FRPVC
LSOH	Soild bare copper 0.540	HDPE	LSOH

Item	Conductor	Insulation DIA(mm)	O.D(mm)	Weight (kg/305mm)	Packaging
CM, CMR	4	1.0	6.3	11.5	Box or Reel
CMP	4	0.995	6.3	11.5	Box or Reel
LSOH	4	1.0	6.0	11.5	Box or Reel

Packaging is optional

Electrical Characteristics

DC Resistance	(ohms/100m)	Max. 9.38
Resistance Unbalance	(%)	Max. 5
Mutual Capacitance	(nF/100m)	Max 5.5
Capacitance Unbalance	(pF/100m)	Maz. 330

Frequency Mhz	Impedance Ω	Attenuation Max.dB/100m	Pr-Pr NEXT Min.dB \geq 100m	Power Sum NEXT Min.dB \geq 100m	ACR Min.dB	Pr-Pr FEXT Min.dB \geq 100m	Power Sum FELEXT Min.dB/100m
0.772	100 \pm 15	1.8	76.0	74.0	74.2	70.0	67.0
1	100 \pm 15	2.0	74.3	72.3	72.3	67.8	64.8
4	100 \pm 15	3.8	65.3	63.3	61.5	55.7	52.7
8	100 \pm 15	5.4	60.8	58.8	55.4	49.7	46.7
10	100 \pm 15	6.0	59.3	57.3	53.3	47.8	44.8
16	100 \pm 15	7.7	56.3	54.3	48.6	43.7	40.7
20	100 \pm 15	8.6	54.8	52.8	46.2	41.7	38.7
25	100 \pm 15	9.6	53.3	51.3	43.7	39.8	36.8
31.25	100 \pm 15	10.8	51.9	49.9	41.1	37.9	34.9
62.5	100 \pm 15	15.7	47.4	45.4	31.7	31.8	28.8
100	100 \pm 15	20.2	44.3	42.3	24.1	27.8	24.8
200	100 \pm 22	29.8	39.8	37.8	10.0	21.7	18.7
225	100 \pm 22	31.8	39.0	37.0	7.2	20.7	17.7
250	100 \pm 22	33.8	38.3	36.3	4.6	19.8	16.8