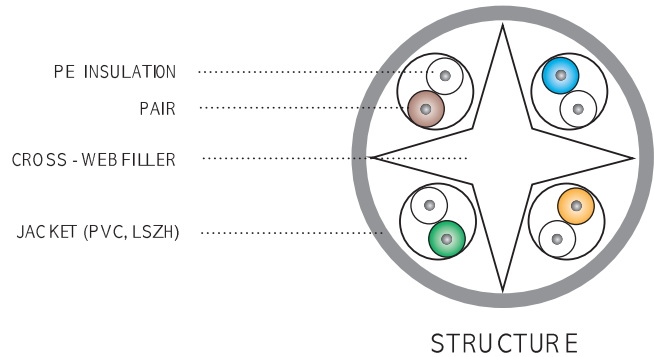


Category 6 4

UTP(Unshielded Twisted Pair)



DESCRIPTION

Item	Pair	Conductor	Outer Diameter (Nom.mm)	Weight (Approx. kg/300m)	Standard Length (m)	Packing
CAT.6 CMX,CM,CMR,LSZH	4	Solid Bare Copper (24A WG)	6.2	12	300	Box Reel n Box

SPECIFICATION

- ▶ ANSI/EIA/TIA - 568B. 2-1
- ▶ ISO/IEC 11801
- ▶ UL 444

FLAME TEST

- ▶ UL 1581 (CMX)
- ▶ UL 1685 (CM)
- ▶ UL 1666 (CMR)
- ▶ IEC 60754, 332-1

APPLICATION

- ▶ High Speed Horizontal Cabling (250MHz)
- ▶ 155 / 622 Mbps ATM
- ▶ Gigabit Ethernet
- ▶ 10 / 100 / 1000 Base-T
- ▶ 100 Mbps Fast Ethernet

ELECTRICAL PROPERTIES

- ▶ Conductor Resistance 9.38 Ω / 100m ↓
- ▶ Resistance Unbalance 5.0% ↓
- ▶ Mutual Capacitance 5.6nF / 100m ↓
- ▶ Capacitance Unbalance 330pF / 100m ↓
- ▶ Characteristics Impedance 100 \pm 15 Ω

Frequency (MHz)	RL (Min. dB)	IL (Max.dB/100m)	NEXT (Min. dB)	PSNEXT (Min. dB)	ELFEXT (MindB/100m)	PSELFEXT (MindB/100m)	DELAY (Max.rs/100 m)	SKEW (Max.rs/100 m)
0.772	-	1.8	76.0	74.0	70.0	67.0	-	-
1	20.0	2.0	74.3	72.3	67.8	64.8	570	45
4	23.0	3.8	65.3	63.3	55.8	52.8	-	-
8	24.5	5.3	60.8	58.8	49.7	46.7	-	-
10	25.0	6.0	59.3	57.3	47.8	44.8	545	45
16	25.0	7.6	56.2	54.2	43.7	40.7	-	-
20	25.0	8.5	54.8	52.8	41.8	38.8	-	-
25	24.3	9.5	53.3	51.3	39.8	36.8	-	-
31.25	23.6	10.7	51.9	49.9	37.9	34.9	-	-
62.5	21.5	15.4	47.4	45.4	31.9	28.9	-	-
100	20.1	19.8	44.3	42.3	27.8	24.8	-	-
200	18.0	29.0	39.8	37.8	21.8	18.8	-	-
250	17.3	32.8	38.3	36.3	19.8	16.8	536	45