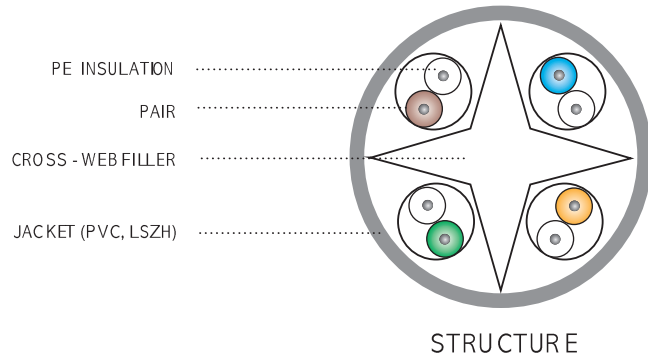


Enhanced Category 6 4 Pair UTP(Unshielded Twisted Pair)



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 (24AWG)	6.2	12	300	Box Reel in 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 (350MHz)
- ▶ 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 (Min.dB/100m)	PSELFEXT (Min.dB/100m)	DELAY (Max.rs/100m)	SKEW (Max.rs/100m)
0.772	-	1.8	78.0	76.0	72.0	69.0	-	-
1	21.0	2.0	76.3	74.3	69.8	66.8	570	45
4	24.0	3.8	67.3	65.3	57.8	54.8	-	-
8	25.5	5.3	62.8	60.8	51.7	48.7	-	-
10	26.0	6.0	61.3	59.3	49.8	46.8	545	45
16	26.0	7.6	58.2	56.2	45.7	42.7	-	-
20	26.0	8.5	56.8	54.8	43.8	40.8	-	-
25	25.3	9.5	55.3	53.3	41.8	38.8	-	-
31.25	24.6	10.7	53.9	51.9	39.9	36.9	-	-
62.5	22.5	15.4	49.4	47.4	33.9	30.9	-	-
100	21.1	19.8	46.3	44.3	29.8	26.8	-	-
200	19.0	29.0	41.8	39.8	23.8	20.8	-	-
250	18.3	32.8	40.3	38.3	21.8	18.8	-	-
350	17.3	39.8	38.1	36.1	18.9	15.9	536	45