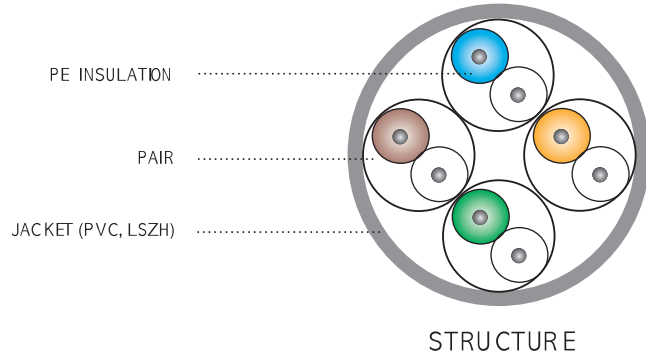
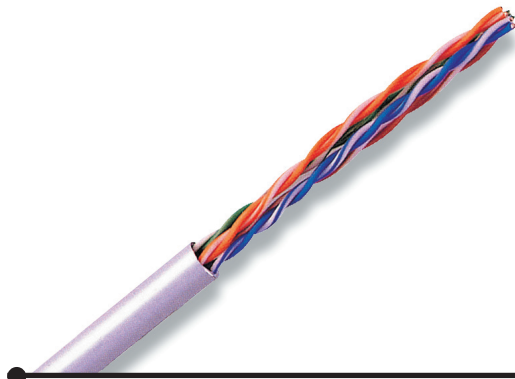


Enhanced Category 5e 4

UTP(Unshielded Twisted Par)



DESCRIPTION

Item	Pair	Conductor	Outer Diameter (Nom.mm)	Weight (Approx. kg/300m)	Standard Length (m)	Packing
CAT. 5E CMX,CM,CMR,LSZH	4	Solid Bare Copper (24AWG)	5.1	9	300	Box

SPECIFICATION

- ▶ ANSI/EIA/TIA - 568B.2
- ▶ 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 Mbps ATM
- ▶ 10/100 Base-T
- ▶ 100 Mbps Fast Ethernet

ELECTRICAL PROPERTIES

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

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.ns/100 m)	SKEW (Max.ns/100 m)
0.772	-	1.8	70.0	67.0	68.2	65.2	-	-
1	22.0	2.0	68.3	65.3	66.0	63.0	570	45
4	25.0	4.1	59.3	56.3	54.0	51.0	-	-
8	26.5	5.8	54.8	51.8	47.9	44.9	-	-
10	27.0	6.5	53.3	50.3	46.0	43.0	545	45
16	27.0	8.2	50.3	47.3	41.9	38.9	-	-
20	27.0	9.3	48.8	45.8	40.0	37.0	-	-
25	26.3	10.4	47.3	44.3	38.0	35.0	-	-
31.25	25.6	11.7	45.9	42.9	36.1	33.1	-	-
62.5	23.5	17.0	41.4	38.4	30.1	27.1	-	-
100	22.1	22.0	38.3	35.3	26.0	23.0	-	-
200	20.0	32.4	33.8	30.8	20.0	17.0	-	-
250	19.3	36.8	32.3	29.3	18.0	15.0	-	-
300	18.7	40.9	31.1	28.1	16.5	13.5	-	-
350	18.3	44.8	30.1	27.1	15.1	12.1	536	45