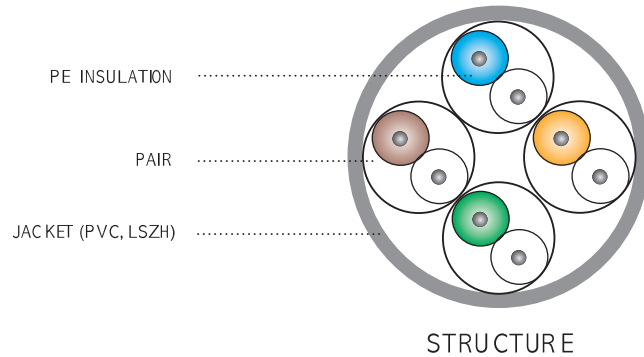
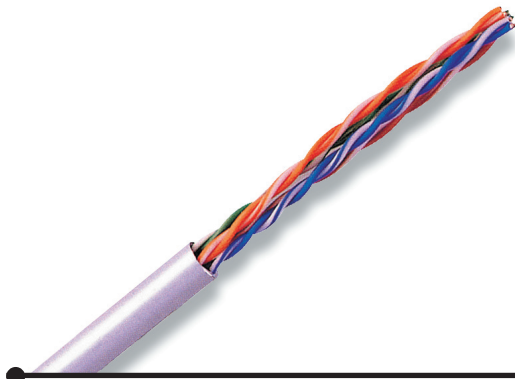


# Category 5e 4 Pair

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 (24A WG)	5.0	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 (100MHz)
- ▶ 155 Mbps ATM
- ▶ 10/100 Base-T
- ▶ 100 Mbps Fast Ethernet

## ELECTRICAL PROPERTIES

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

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	67.0	64.0	66.0	63.0	-	-
1	20.0	2.0	65.3	62.3	63.8	60.8	570	45
4	23.0	4.1	56.3	53.3	51.7	48.7	-	-
8	24.5	5.8	51.8	48.8	45.7	42.7	-	-
10	25.0	6.5	50.3	47.3	43.8	40.8	545	45
16	25.0	8.2	47.3	44.3	39.7	36.7	-	-
20	25.0	9.3	45.8	42.8	37.7	34.7	-	-
25	24.3	10.4	44.3	41.3	35.8	32.8	-	-
31.25	23.6	11.7	42.9	39.9	33.9	30.9	-	-
62.5	21.5	17.0	38.4	35.4	27.8	24.8	-	-
100	20.1	22.0	35.3	32.3	23.8	20.8	538	45