

UTP 25 Pair Cables



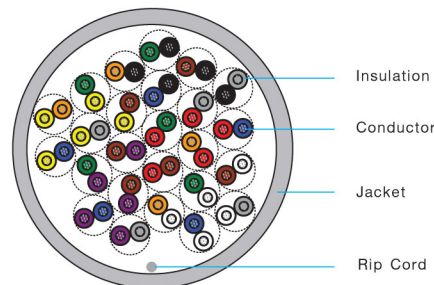
STANDARD

- ANSI / EIA / TIA 568A/B
- ISO/IEC-11801
- IEC332 75410348 11HD 624.7



APPLICATION

- 10 Base T (IEEE 802.3)
- 100Vg – AnyLAN (IEEE 802.12)
- Token Ring (IEEE 802.5)
- ATM 155, TP - PMD (ANSI X3T9.5)
- 100 Mbps CDDI



ELECTRICAL CHARACTERS

Impedance	: 100±15Ω
Mutual Capacitance	: 17.1 nFMax / 305m
Capacitance,Unbalance	: 330 pF Max / 100m
DC Resistance	: 28.6 ohm Max/305m
DC Resistance,Unbalance	: 5% Max.
Propagation Delay	: 536 ns/100m Max

CONSTRUCTION / MATERIAL

Conductor	: 24AWG Solid/Stranded Bare Copper
Insulation	CMR, LSZH : HDPE
Ripcord	: Under Jacket
Jacket	CMR : FRPVC LSZH : LSZH

FREQUENCY (MHZ)	INSERTION LOSS (dB/100m)	RL MIN.(dB)	PS.NEXT MIN.(dB)
1.0	2.0	20.0	76.3
31.25	10.4	25.6	53.9
62.50	14.9	23.5	49.4
100.0	19.0	22.1	46.3
200.0	27.5	20.0	41.8
250.0	31.0	19.3	40.3
300.0	34.2	18.8	39.3
500.0	45.3	17.5	35.8
550.0	47.7	17.2	35.2
650.0	52.4	16.7	34.6

MECHANICAL PROPERTIES

Minimum Bending Radius

Install 20 X Cable Diameter
After Install 10 X Cable Diameter

Installation / Operating temperature

-20°C to 60°C

Storage Temperature

-20°C to 80°C

Part No.	UL/NEC Flame Rating	Conductor	Jacket	Diameter (mm.)	Color	Packaging
US-9055	CMR	24AWG Solid Bare Copper	FRPVC	12.0	White	305m/Reel
US-9055LSZH	LSZH	24AWG Solid Bare Copper	LSZH	12.0	White	305m/Reel