

UTP CAT5E

CABLE CONSTRUCTION (CAT5E)

CONSTRUCTION	UTP	UTP/M
CONDUCTOR DIMENSION(MM)	0.5	0.5
CORE DIMENSION(MM)	0.9	0.9
NO.OF PAIRS	4	4
NOM.OD(MM)	5.2±0.3	5.2±0.3
TYPE OF JACKET	PE/PVC/LSZH	PE/PVC/LSZH
MESSENGER	/	1.3MM STEEL

ELECTRICAL CHARACTERISTICS

FREQUENCY(MHZ)	1	4	8	10	16	25	31.25	62.5	100
IMPEDANCE(Ω)	100±15								
RL(dB)	20	23	25	25	25	24	24	22	20
ATTENUATION(dB/100M)	2.0	4.1	5.8	6.5	8.2	10.4	11.6	17.0	22.0
NEXT(dB/100M)	65.3	56.3	51.8	50.3	47.3	44.3	42.9	38.4	35.3
ELFEXT(dB/100M)	63.8	51.7	45.7	43.8	39.7	35.8	33.9	27.8	23.8
PS NEXT(dB/100M)	62.3	53.3	48.8	47.3	44.2	41.3	39.9	35.4	32.3
PS ELFEXT(dB/100M)	60.8	48.7	42.7	40.8	36.7	32.8	30.9	24.8	20.8
PROPAGATION SPEED(M/S)	0.60C								