

FTP CAT5E

CABLE CONSTRUCTION (CAT5E)

CONSTRUCTION	FTP	FTP/M
CONDUCTOR DIMENSION(MM)	0.515	0.515
CORE DIMENSION(MM)	1.02	1.02
NO.OF PAIRS	4	4
NOM.OD(MM)	6.0±0.3	6.0±0.3
TYPE OF JACKET	PE/PVC/LSZH	PE/PVC/LSZH
MESSENGER	/	1.3MM STEEL

CENTER CONDUCTOR	0.515MM COPPER*2*4 PAIRS
DIELECTRIC	1.02MM PE
SHIELD	PET+AL FOIL+BRAIDING
JACKET	PE/PVC/LSZH
NOM.THICK	0.55MM
NOM.OD(MM)	6.6±0.4MM

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

[illegible]