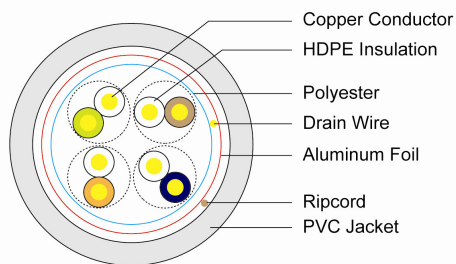


MK-FOUR 4 PAIRS CAT5E FTP CABLE



APPLICATION

- Ideal for voice, 10Base-T, 4/16-Mbps Token Ring, 100Base-TX, 100 Mbps TP-PMD, T1, 155 Mbps, ATM, 622-Mbps ATM, Gigabit Ethernet and other high speed applications
- Low attenuation and power sum crosstalk characteristics over an extended frequency range
- Every pull box or spool is tested for electrical performance
- Longitudinal rip cord for easy jacket opening

PRODUCT DESCRIPTION

- Rated temperature : 60°C, 75°C, 90°C
- Reference Standard : UL444, TIA/EIA 568B, ISO/IEC 11801
- UL Certified : File No. E318732
- Color - coded PE Insulation

SPECIFICATIONS

Part No.	MK4-5305F
Construction	FTP, CAT 5e
Conductor	24 AWG , solid bare copper
No. of Pairs	4 pairs
Nom O.D.	6.3mm
Jacket	RoHS Complied PVC or LSOH (Low smoke zero halogen) jacket
Jacket Color	Beige
Flame Rating	CM
Packing	305m (1000ft) / Box

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Impedance Ohms	RL (db)	Attenuation dB/ 100m	NEXT dB/ 100m	ELFEXT dB/ 100m	Power Sum NEXT dB/ 100m	Power Sum ELFEXT dB/ 100m	Propagation Speed m/s
1	100 ± 15	20	2.0	65.3	63.8	62.3	60.8	0.65c
4		23	4.1	56.3	51.7	53.3	48.7	
8		25	5.8	51.8	45.7	48.8	42.7	
10		25	6.5	50.3	43.8	47.3	40.8	
16		25	8.2	47.3	39.7	44.2	36.7	
20		25	9.3	48.5	37.7	42.8	34.7	
25		24	10.4	44.3	35.8	41.3	32.8	
31.25		24	11.6	42.9	33.9	39.9	30.9	
62.5		22	17.0	38.4	27.8	35.4	24.8	
100		20	22.0	35.3	23.8	32.3	20.8	
155	100 ± 18	19	28.1	33.0	20.0	29.0	17.0	
200		19	32.4	31.0	18.0	28.0	15.0	
310	100 ± 22	18	41.8	28.0	14.0	25.0	11.0	
350		17	44.9	27.0	13.0	24.0	10.0	

CABLE CONSTRUCTION

Construction	Conductor Dimension mm	Core Dimension mm	No. of Pairs	Nom O.D.	Type of Jacket	Remark
FTP	0.515	0.93	4	6.3	PVC	100MHz