

FTP Cat6 4 Pair

Product

4 Pairs FTP Cable
(PVC, LSZH)

KRONE standard cable is used for high speed data transmissions for LAN's, it meets the current draft standards of Cat6, which future proofs your network. This will support and exceed the requirements for delivering IEEE 802.3 Gigabit, IEEE 802.5 Token Ring, ATM 155 and others. Exceeds the general screening compliance with the electromagnetic compatibility requirements of EN 55022 for structured cabling systems.

Specification

ISO/IEC 11801 2nd edition, draft
ANSI/TIA/EIA-568-A
IEC 61034, IEC 60754-2 & IEC 60332-1 for LSZH

Application

Horizontal Distribution Cabling (250 MHz)
Gigabit Ethernet, 1000 Base - X
622 Mbps ATM
IEEE 802.3, 802.5
Digital Video

GOLD



Construction	Description	Diameter, mm
Conductor	Solid Annealed Copper Wire	0.55
Insulation	High Density Polyethylene	1.15
Pairs (Colour Code)	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown	
Central Element	Solid Polyethylene (Cross-shaped Filler)	
Screen	Polyester Tape	
	Tinned Copper Drain Wire	0.5
	Aluminium/Polyester Mylar Tape	
Sheath (Colour)	PVC, LSZH (Light Grey for PVC, Orange for LSZH)	7.3
Packaging	305m, Ply-Wood Reel	

Electrical Characteristics (100m Cable) (ANSI/TIA/EIA-568-A)		DC Resistance	($\Omega/100m$)	Max. 9.38			
		Resistance Unbalance	(%)	Max. 5			
		Mutual Capacitance @ 1 KHz	(nF/100m)	Max. 5.6			
		Capacitance Unbalance @ 1 KHz	(pF/100m)	Max. 330			
Frequency MHz	Impedance Ω	Attenuation Max.dB/100m	Pr-Pr NEXT Min, dB $\geq 100m$	Power Sum NEXT Min.dB $\geq 100m$	ACR Min.dB	Pr-Pr FEXT Min.dB/100m	Power Sum ELFEXT Min.dB/100m
1	100 ± 15	20.0	–	65.0	62.0	66.0	64.0
4	100 ± 15	23.0	3.8	65.0	62.0	58.0	56.0
10	100 ± 15	25.0	6.0	59.0	56.0	50.0	48.0
16	100 ± 15	25.0	7.6	56.0	53.0	45.9	43.9
20	100 ± 15	25.0	8.5	55.0	52.0	44.0	42.0
31.25	100 ± 15	23.6	10.7	52.0	49.0	40.1	38.1
62.5	100 ± 15	21.5	15.5	47.0	44.0	34.1	32.1
100	100 ± 15	20.1	19.9	44.0	41.0	30.0	28.0
155	100 ± 15	18.8	25.4	41.0	38.0	26.2	24.2
200	100 ± 15	18.0	29.2	40.0	37.0	24.0	22.0
250	100 ± 15	17.3	33.0	38.0	35.0	22.0	20.0

(ISO/IEC 11801 2nd edition, draft)

Description	Sheath	Colour	Part Number
bFTP 4pr Cat6 (Reelex II)	PVC	Grey	SC6F-GYII
bFTP 4pr Cat6 (1.5km Reel)	PVC	Grey	SC6F-GY10
bFTP 4pr Cat6 (Reelex II)	LSZH	Orange	SC6H-ORII
bFTP 4pr Cat6 (1.5km Reel)	LSZH	Orange	SC6H-OR10