



QP - 66304AL

Category 6A, F-FTP/LSZH Solid Cable, 23 AWG

F-FTP/LSZH Solid Cable

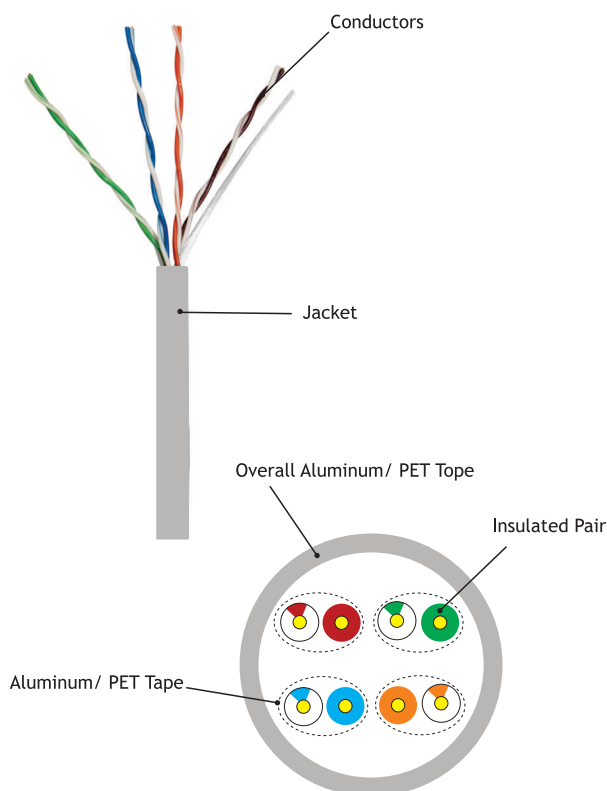
305 meters REEL

Description

Extended frequency to 500MHz
4 x 23 AWG – F-FTP LSZH Cable
Backward-compatibility with all CAT.5, CAT.5E, CAT.6 and CAT.6A Products and application
Guarantee full-duplex and crosstalk values
RoHS compliant
Solid bare copper conductors insulated with foam thermoplastic polyolefin

Specifications

Cable type	4 pairs FTP
Conductor AWG Stranded	23 AWG
Diameter	0.56 ± 0.01mm
Insulation Type	Foam PE 1.26 ± 0.05mm
Jacket Type	LSZH 7.3 ± 0.3mm
Packing m	500/1000m
Jacket available	LSZH
Color	Grey
Characteristic Impedance	(1-250MHz): 100 ± 15 %Ohm (250-500MHz): 100 ± 22 %Ohm
Pair-to-ground capacitances unbalance (pF/km) Max.	1600
Propagation Delay (ns/100m) Max.	534 + 36 / vf





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Features

Standards

International: IEC 61156-5
edit. 2.0

Delta EC

UL Listed E222843 verified

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Technical Data

IEC61156-5 ed.2.0 Category 6A horizontal cable parameters								
Freq. (MHz)	Ins. Loss	RL	Pair to Pair		Power Sum		Delay Skew	Po. Delay
			NEXT	ELFEXT	NEXT	ELFEXT		
	(dB/100m)	(dB)	(dB/100)		(dB/100)		(ns/100m)	(ns/100)
	Max.	Min.	Min.	Min.	Min.	Min.	Max.	Max.
1	-	20.0	-	-	-	-	-	-
4	3.8	23.0	66.3	56.0	63.3	53.0	45	552.0
10	5.9	25.0	60.3	48.0	57.3	45.0	45	545.4
16	7.5	25.0	57.2	43.9	54.2	40.9	45	543.0
20	8.4	25.0	55.8	42.0	52.8	39.0	45	542.5
31.25	10.5	24.3	52.9	38.1	49.9	35.1	45	540.4
62.5	15	23.6	48.4	32.1	45.4	29.1	45	538.6
100	19.1	21.5	45.3	28.0	42.3	25.0	45	537.6
200	27.6	18.0	40.8	22.0	37.8	19.0	45	536.5
250	31.1	17.3	39.3	20.0	36.3	17.0	45	536.3
300	34.3	17.3	38.1	18.5	35.1	15.5	45	536.1
400	40.1	17.3	36.6	16.0	33.3	13.0	45	535.8
500	45.3	17.3	34.8	14.0	31.8	11.0	45	535.6