

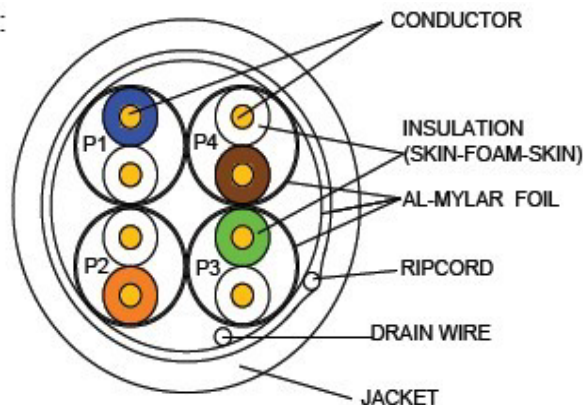
Nominal Transmission Characteristics						
Frequency	RL	ATT	Propagation Delay	Delay Skew	NEXT	PSNEXT
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)
1	20.0	2.1	570	45	74.3	72.3
4	23.0	3.8	552	45	65.3	63.3
10	25.0	5.9	545	45	59.3	57.3
16	25.0	7.5	543	45	56.2	54.2
20	25.0	8.4	542	45	54.8	52.8
31.25	23.6	10.9	540	45	51.9	49.9
62.5	21.5	15.0	539	45	47.4	45.4
100	20.1	19.1	538	45	44.3	42.3
200	18.0	27.6	537	45	39.8	37.8
300	16.8	34.3	536	45	37.1	35.1
400	15.9	40.1	536	45	35.3	33.3
500	15.2	45.3	536	45	33.8	31.8

PRODUCT DATA SHEET

Cat 6A Copper Cables for Indoor Applications

Type	F/FTP CAT6A 4*2*23AWG PVC		
Construction			
Conductors	Material	-----	Solid Bare Copper
	Conductors Size	mm	0.596+/-0.008
Insulation	Material	-----	PE
	Diameter	mm	1.48+/-0.05
	Average Thickness	mm	0.44+/-0.05
Assembly	Direction	-----	S
	No. of Insulation	Pair	4
Braid	Material	-----	---
Jacket	Material	-----	GRAY PVC (LSOH)
	Diameter	mm	8.2+/-0.3
	Average Thickness	mm	0.6+/-0.1
	Color	-----	GREY
	Marking color	-----	BLACK
	Length/D	-----	100m/305m

construction:



core:

- P1: White-Blue
P2: White-Orange
P3: White-Green
P4: White-Brown

Electrical Characteristics

- Impedance: 4 - 100MHz 100±15 (Ohms)
100- 200MHZ 100±22 (Ohms)
200- 500MHZ 100±32 (Ohms)
- Temperature rating : 75°C
- Resistance Unbalance(%): Max 2.5
- Max.conductor DC Resistance 20°C: 78(Ohms/Km)
- Pair-to-Ground Capacitance Unbalance: 330(pF/100m)

APPROVED	CHECKED	DRAWN	CUSTOMER:	
			ITEM NO.	TP-50
			DRAW NO.	
			UNIT	mm
			SCALE	NONE

DESCRIPTION:

F/FTP CAT6A INSTALLATION CABLE 100m
(GRAY) LSZH

