

F/FTP CAT6A CABLE



ITEM NO.

- 6A F/FTP AWG23

TEST STANDARD

- ISO/IEC 11801, TIA/EIA 568C.2

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- 0.56 ±0.003mm

INSULATION

MATERIAL

- Skin-foam-Skin PE

NOM.O.D.

- 1.35 ±0.05mm

SHIELD

- Al Foil

JACKET

THICKNESS

- 0.55 ±0.05mm

EXTERNAL O.D.

- 7.5 ±0.3mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- As required

ELECTRICAL

CHARACTERISTICS (20)

- Impedance() 100 ±15
- Delay Shew(ns/100m) 45
- NVP 74%
- Capacitance(nf/100m) 5.6
- Capacitance unbalanced to-ground(pf/100m) 330
- DC Resistance(/100m) 9.38
- DC Conductor Resistance Unbalance(%) 2.0

RIP-CORD

- Yes

DRAIN WIRE

0.40TC



PLASTIC REEL & PULL CARTON

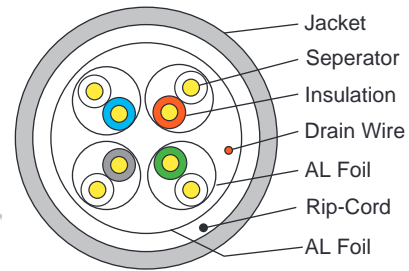


DIMENSION

38.5*31*38.5cm

LENGTH

305 ±1.5m



TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL dB	ATT(20°) dB	NEXT dB	PSNEXT dB	ACR-F dB	PS ACR-FPS dB	ANEXTPS dB	AACR-F dB
1.0	20.0	2.1	74.3	72.3	67.8	64.8	67.0	67.0
4.0	23.0	3.8	65.3	63.3	55.8	52.8	67.0	66.2
10.0	25.0	5.9	59.3	57.3	47.8	44.8	67.0	58.2
16.0	25.0	7.5	56.2	54.2	43.7	40.7	67.0	54.1
20.0	25.0	8.4	54.8	52.8	41.8	38.8	67.0	52.2
31.25	23.6	10.5	51.9	49.9	37.9	34.9	67.0	48.3
62.5	21.5	15.0	47.7	45.4	31.9	28.9	65.6	42.3
100	20.1	19.1	44.3	42.3	27.7	24.8	62.5	38.2
200	18.0	27.6	39.8	37.8	21.8	18.8	58.0	32.2
250	17.3	31.1	38.3	36.3	19.8	16.8	56.5	30.2
300	16.8	34.3	27.1	35.1	18.3	15.3	55.3	28.7
500	15.2	45.3	33.8	31.8	13.8	10.8	52.0	24.2

JACKET PHYSICAL PROPERTIES

JACKET

		AGING		COLD BEND	
ITEM		AGING PERIOD	100*24H*7D	COLD PERIOD	-20 ±2°C*4H
		Before Aging	After Aging	Bend Radius	8*Cable O.D.
PVC	Tensile Strength	13.5 Mpa	12.5 Mpa	No Visible Cracks	
	Elongation	150 %	125 %		
LSZH	Tensile Strength	10.0 Mpa	8.0 Mpa	No Visible Cracks	
	Elongation	125%	100%		
PE	Tensile Strength	10.0 Mpa	8.0 Mpa	No Visible Cracks	
	Elongation	350 %	350 %		

P/N	DESCRIPTION
FFU6A.56.PV - E	Cat6A F/FTP AWG23 PVC Jacket
FFU6A.56.LS - E	Cat6A F/FTP AWG23 LSZH Jacket CPR class Eca
FFU6A.56.PE - F	Cat6A F/FTP AWG23 PE Jacket CPR class Fca
FFU6A.56.PVPE - F	Cat6A F/FTP AWG23 PVAC+PE Jacket CPR class Eca

Special Jackets in accordance with customer's requirements