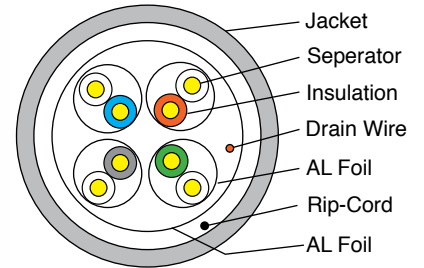


F/FTP CAT6A CABLE



ITEM NO.

- 6A F/FTP AWG23

TEST STANDARD

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

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- $0.56 \pm 0.003\text{mm}$

INSULATION

MATERIAL

- Skin-foam-Skin PE

NOM.O.D.

- $1.35 \pm 0.05\text{mm}$

SHIELD

- Al Foil

JACKET

THICKNESS

- $0.55 \pm 0.05\text{mm}$

EXTERNAL O.D.

- $7.5 \pm 0.3\text{mm}$

MATERIAL

- PVC
- LSZH
- PE

COLOR

- According to Requires

ELECTRICAL CHARACTERISTICS (20)

• Impedance(Ω)	100 ± 15
• Delay Shew(ns/100m)	≤ 45
• NVP	74%
• Capacitance(nf/100m)	≤ 5.6
• Capacitance unbalanced to-ground(pf/100m)	≤ 330
• DC Resistance($\Omega/100\text{m}$)	≤ 9.38
• DC Conductor Resistance	≤ 2.0
Unbalance(%)	

RIP-CORD

- Yes

DRAIN WIRE

0.40TC

PACKING

WOODEN REEL & CARTON



DIMENSION

35*35*36cm

LENGTH

305 $\pm$ 1.5m

PALLET



F/FTP CAT6A CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL ≥dB	ATT(20) ≤dB	NEXT ≥dB	PSNET ≥dB	ACR-F ≥dB	PS ACR-F ≥dB	PS ANEXT ≥dB	PS 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	27.8	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	37.1	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

FF6A.56.PV	Cat6A F/FTP AWG23 PVC jacket
FF6A.56.LS	Cat6A F/FTP AWG23 LSZH jacket
FF6A.56PE	Cat6A F/FTP AWG23 PE jacket
FF6A.56PVPE	Cat6A F/FTP AWG23 PVC+PE jacket

Special Jacket according with customer needs