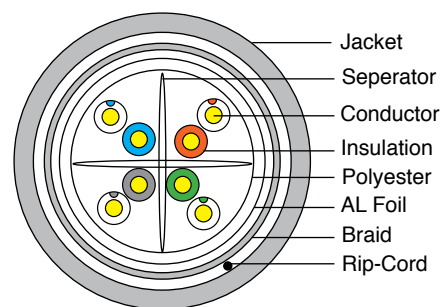


SF/UTP CAT6 CABLE



ITEM NO.

- 6 SF/UTP AWG23

TEST STANDARD

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

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- 0.57 ± 0.003 mm

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- 1.09 ± 0.03 mm

SHIELD

Al Foil

BRAID

- TC/Al Wire

JACKET

THICKNESS

- 0.60 ± 0.05 mm

EXTERNAL O.D.

- 7.5 ± 0.3 mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- According to Requires

ELECTRICAL CHARACTERISTICS (20)

- Impedance(Ω) 100 ± 15
- Delay Shew(ns/100m) ≤ 45
- NVP 69%
- Capacitance(nf/100m) ≤ 5.6
- Capacitance unbalanced to-ground(pf/100m) ≤ 330
- DC Resistance(Ω /100m) ≤ 9.38
- DC Conductor Resistance ≤ 5.0
- Unbalance(%)

RIP-CORD

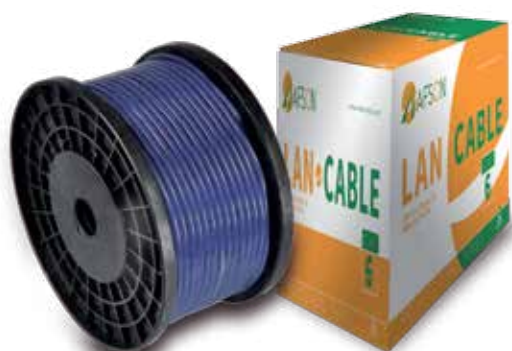
- Yes

DRAIN WIRE

- No

PACKING

PLASTIC REEL & PULL CARTON



DIMENSION

38.5*31*38.5cm

LENGTH

305 $\pm$ 1.5m

WOODEN REEL & CARTON



DIMENSION

36*36*33cm

LENGTH

305 $\pm$ 1.5m



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S/FTP CAT6 CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY	RL	ATT(20)	NEXT	ACR	FREQUENCY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≥dB	(MHz)	≥dB	≥dB	≥dB
1.0	20.0	2.0	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	51.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8

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

SFU6.57.PV	Cat6 SF/UTP AWG23 PVC jacket
SFU6.57.LS	Cat6 SF/UTP AWG23 LSZH jacket
SFU6.57.PE	Cat6 SF/UTP AWG23 PE jacket

Special Jacket according with customer needs