

# 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 ±0.003mm

## INSULATION

### MATERIAL

- HDPE

### NOM.O.D.

- 1.09 ±0.03mm

## SHIELD

- Al Foil

## BRAID

- TC/Al Wire

## JACKET

### THICKNESS

- 0.60 ±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 69%
- Capacitance(nf/100m) 5.6
- Capacitance unbalanced to-ground(pf/100m) 330
- DC Resistance( /100m) 9.38
- DC Conductor Resistance Unbalance(%) 5.0

## RIP-CORD

- Yes

## DRAIN WIRE

- No



## PLASTIC REEL & PULL CARTON



### DIMENSION

38.5\*31\*38.5cm

### LENGTH

305 ±1.5m

## WOODEN REEL & CARTON

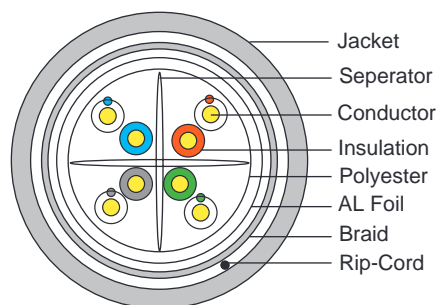


### DIMENSION

36\*36\*33cm

### LENGTH

305 ±1.5m



## TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL dB	ATT(20°) dB	NEXT dB	ACR dB	FREQUENCY (MHz)	PSNEXT dB	ELFEXT dB	PSELFEXT 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	41.3	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

ITEM	AGING		COLD BEND	
	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 - E	Cat6 SF/UTP AWG23 PVC Jacket CPR class Eca
SFU6.57.LS - E	Cat6 SF/UTP AWG23 LSZH Jacket CPR class Eca
SFU6.57.PE - E	Cat6 SF/UTP AWG23 PE Jacket CPR class Eca

Special Jackets in accordance with customer's requirements