

F/UTP CAT6 CABLE



ITEM NO.

- 6 F/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

JACKET

THICKNESS

- 0.60 ±0.05mm

EXTERNAL O.D.

- 7.3 ±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 5.0
- Unbalance(%)

RIP-CORD

- Yes

DRAIN WIRE

- 0.40TC



PLASTIC REEL & PULL CARTON



DIMENSION

38.5*31*38.5cm

LENGTH

305 ±1.5m

WOODEN REEL & CARTON

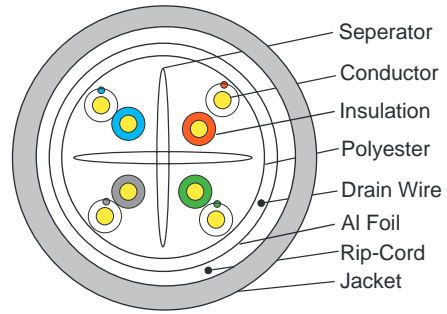
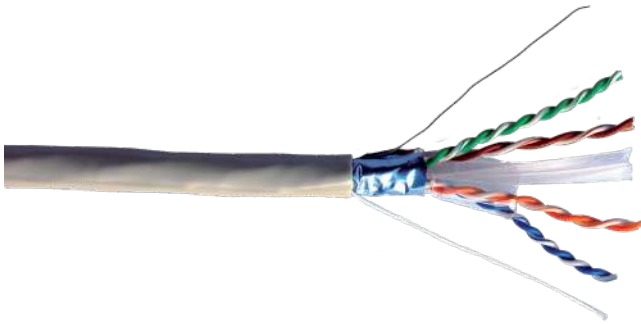


DIMENSION

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

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		
	Elongation	125%	100%		
PE	Tensile Strength	10.0 Mpa	8.0 Mpa	No Visible Cracks	
	Elongation	350 %	350 %		

P/N	DESCRIPTION
FU6.57.PV - E	Cat6 F/UTP AWG23 PVC Jacket CPR class Eca
FU6.57.LS - E	Cat6 F/UTP AWG23 LSZH Jacket CPR class Eca
FU6.57.PE - E	Cat6 F/UTP AWG23 PE Jacket CPR class Eca
FU6.57.PVPE - F	Cat6 F/UTP AWG23 PVC + PE Jacket CPR class Fca
FU6.57.LS - D	Cat6 F/UTP AWG23 LSZH Jacket CPR class Fca

Special Jackets in accordance with customer's requirements