

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.

- 0.565±0.005mm

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- 1.15±0.05mm

SHIELD

Al Foil

BRAID

- TC/Al Wire

JACKET

THICKNESS

- 0.60±0.05mm

EXTERNAL O.D.

- 7.8±0.3mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- As required

ELECTRICAL

CHARACTERISTICS (20)

- Impedance(Ω) 100±15
- Delay Shew(ns/100m) ≤45
- NVP 69%
- Capacitance(nf/100m) ≤5.6
- Capacitance unbalanced ≤330 to-ground(pf/100m)
- DC Resistance(Ω /100m) ≤9.38
- DC Conductor Resistance ≤2.0 Unbalance(%)

RIP-CORD

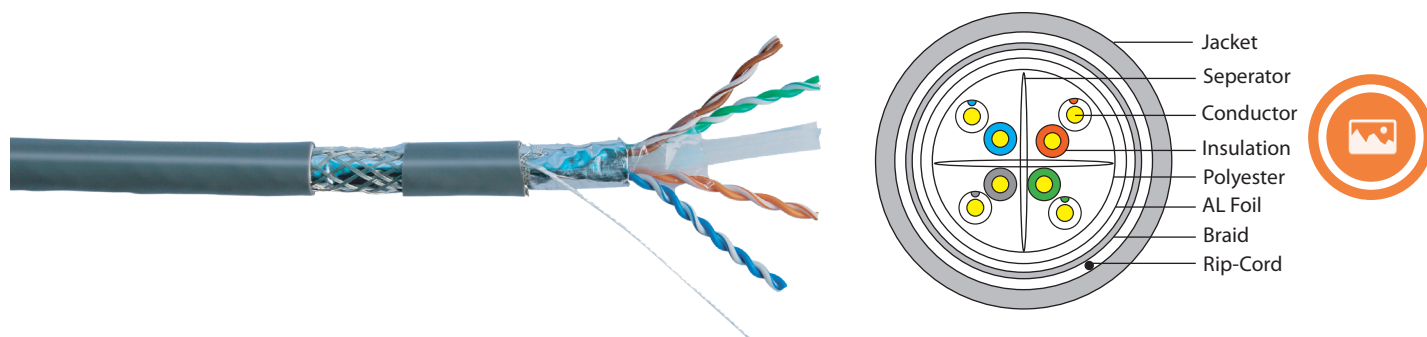
- Yes

DRAIN WIRE

- No



WOODEN REEL	PALLET
	



TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL ≥dB	ATT(20°) ≤dB	NEXT ≥dB	PSNEXT ≥dB	ELFEXT ≥dB	PS ELFEXT ≥dB	PHASE DELAY ≤ns
1.0	20.0	2.0	74.3	72.3	67.8	64.8	570
4.0	23.0	3.8	65.3	63.3	55.8	52.8	552
8.0	24.5	5.3	60.8	58.8	49.7	46.7	547
10.0	25.0	6.0	59.3	57.3	47.8	44.8	545
16.0	25.0	7.6	56.2	54.2	43.7	40.7	543
20.0	25.0	8.5	54.8	52.8	41.8	38.8	542
25.0	24.3	9.5	53.3	41.3	39.8	36.8	541
31.25	23.6	10.7	51.9	49.9	37.9	34.9	540
62.5	21.5	15.4	47.4	45.4	31.9	28.9	539
100	20.1	19.8	44.3	42.3	27.8	24.8	538
200	18.0	29.0	39.8	37.8	21.8	18.8	537
250	17.3	32.8	38.3	36.3	19.8	16.8	536

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
SFU6.23.PV - E	Cat6 SF/UTP AWG23 PVC Jacket CPR class Eca
SFU6.23.LS - E	Cat6 SF/UTP AWG23 LSZH Jacket CPR class Eca
SFU6.23.PE - F	Cat6 SF/UTP AWG23 PE Jacket CPR class Fca

Special Jackets in accordance with customer's requirements