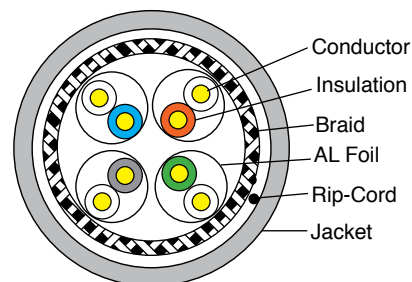


S/FTP CAT7 CABLE



ITEM NO.

- 7 SF/UTP 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

BRAID

- TC/Al Wire

JACKET

THICKNESS

- $0.60 \pm 0.05\text{mm}$

EXTERNAL O.D.

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

MATERIAL

- PVC
- LSZH
- PE

COLOR

- According to Requires

RIP-CORD

- Yes

DRAIN WIRE

- No

ELECTRICAL CHARACTERISTICS (20)

IMPEDANCE(Ω)

100 $\pm$ 15	100 $\pm$ 15
100-250MHz	100 $\pm$ 18
250-600MHz	100 $\pm$ 25
• Delay Shew(ns/100m)	≤ 25
• NVP	74%
• Capacitance(nf/100m)	≤ 5.6
• Capacitance unbalanced to-ground(pf/100m)	≤ 330
• DC Resistance(Ω /100m)	≤ 9.5
• DC Conductor Resistance Unbalance(%)	≤ 2.0

PACKING

WOODEN REEL & CARTON



DIMENSION

37*37*36cm

LENGTH

305 $\pm$ 1.5m

PALLET



S/FTP CAT7 CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY	RL	ATT(20)	NEXT	ACR	FREQUENCY	ACR	ACR-F	PS ACR-F
(MHz)	≥dB	≤dB	≥dB	≥dB	(MHz)	≥dB	≥dB	≥dB
1.0	20.0	2.0	78.0	75.0	1.0	76.0	78.0	75.0
4.0	23.0	3.7	78.0	75.0	4.0	74.3	78.0	75.0
10.0	25.0	5.9	78.0	75.0	10.0	72.1	74.0	71.0
16.0	25.0	7.4	78.0	75.0	16.0	70.6	69.9	66.9
20.0	25.0	8.3	78.0	75.0	20.0	69.7	68.0	65.0
31.25	23.6	10.4	78.0	75.0	31.25	67.6	64.1	61.1
62.5	21.5	14.9	75.5	72.5	62.5	60.6	58.1	55.1
100	20.1	19.0	72.4	69.4	100	53.4	54.0	51.0
200	18.0	27.5	67.9	64.9	200	46.2	50.2	45.0
250	17.3	31.0	66.4	63.4	250	40.4	46.0	43.0
300	17.3	34.2	65.2	62.2	300	31.0	44.5	41.5
600	17.3	50.1	60.7	57.7	600	10.6	38.4	35.4

JACKET PHYSICAL PROPERTIES

JACKET

AGING				COLD BEND	
ITEM	Aging Period	100°*24H*7D		COLD PERIOD	-20±2°C*4H
		Before Aging	After Aging		
PVC	Tensile Strength	≥13.5 Mpa	≥12.5 Mpa	Bend Radius	8*Cable O.D.
	Elongation	≥150 %	≥125 %		
LSZH	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	Bend Radius	No Visible Cracks
	Elongation	≥125%	≥100%		
PE	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa	Bend Radius	No Visible Cracks
	Elongation	≥350 %	≥350 %		

P/N

DESCRIPTION

SFU7.57.PV	Cat7 S/FTP AWG23 PVC jacket
SFU7.57.LS	Cat7 S/FTP AWG23 LSZH jacket
SFU7.57.PE	Cat7 S/FTP AWG23 PE jacket

Special Jacket according with customer needs