

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 ±0.003mm

INSULATION

MATERIAL

- Skin-foam-Skin PE

NOM.O.D.

- 1.35 ±0.05mm

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

- According to Requires

RIP-CORD

- Yes

DRAIN WIRE

- No

ELECTRICAL CHARACTERISTICS (20)

IMPEDANCE()

100 ±15 100 ±15

100-250MHz 100 ±18

250-600MHz 100 ±25

• Delay Shew(ns/100m) 25

• NVP 74%

• Capacitance(nf/100m) 5.6

• Capacitance unbalanced to-ground(pf/100m) 330

• DC Resistance(/100m) 9.5

• DC Conductor Resistance Unbalance(%) 2.0



WOODEN REEL & CARTON

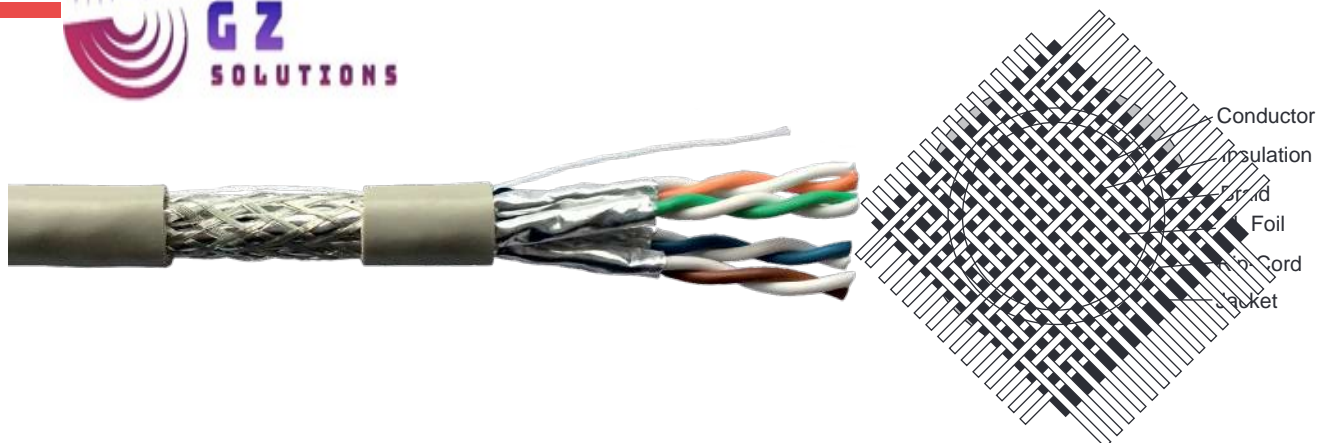


DIMENSION

37*37*36cm

LENGTH

305 ±1.5m



TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL dB	ATT(20°) dB	NEXT dB	ACR dB	FREQUENCY (MHz)	ACR dB	ACR-F dB	PS ACR-F 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	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
SFU7.57.PV	Cat7 S/FTP AWG23 PVC Jacket
SFU7.57.LS - E	Cat7 S/FTP AWG23 LSZH Jacket CPR class Eca
SFU7.57.PE - F	Cat7 S/FTP AWG23 PE Jacket CPR class Fca

Special Jackets in accordance with customer's requirements