

Cat 8 4-Pair S/FTP Cable

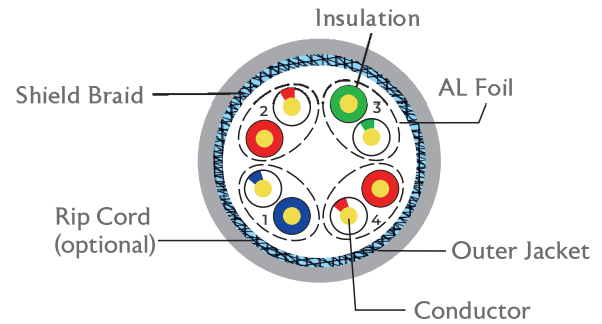
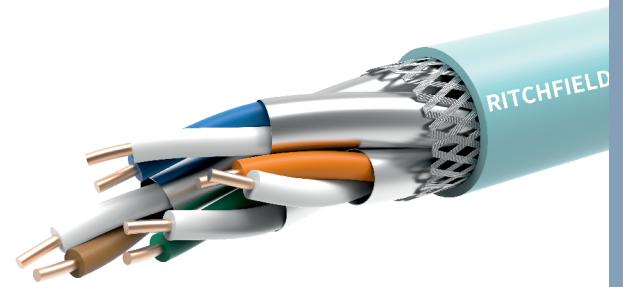
⚡ Features

Standards :

- UL Subject 444, ANSI/TIA 568C.2, ANSI/TIA 568.2D, ISO / IEC 11801-1, IEC 61156-9, YD/T1019-2013, EN50288-4-1

Application :

- 100Base - Tc 155 Mbps ATM
- 100Base - TX 622 Mbps ATM
- 100VGAnyLAN 10GB Ethernet
- 1000Base - TX 25GB Base - T
- 1000Base-T 40GB Base - T
- 1000Base-TX



Cross Section Diagram

Mechanical Information

Operating Temperature	-20 ~ 75°C
Maximum Pulling Force	110N
Minimum Bending Radius	10 X O.D.
Flame Test	PVC: CMX/CM/CMG/CMR LSZH: CPR-B2ca/Cca/Dca/Eca/Fca

Product Structure

Product Name	CAT 8 4Pair S/FTP CABLE
Conductor	22AWG
Number of Pairs	4
Nominal Conductor Dimension	0.63 ± 0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.60 ± 0.05mm
Color Code	White&Blue/Blue White&Orange/Orange White&Green/Green White&Brown/Brown
Individual Shield & Material	AL Foil
Outer Shield & Material	Braided Wire
Drain Wire	No
Outer Jacket Material	PVC/LSZH
Ripcord	Optional
Nominal Cable Diameter	8.50 ± 0.30mm

Electrical Characteristics

Frequency (Mhz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	1.12	78.0	75.0	570	78	75	20.0
4	1.12	78.0	75.0	552	78	75	23.0
8	1.57	78.0	75.0	547	78	75	24.5
10	1.75	78.0	75.0	545	78	75	25.0
16	2.20	78.0	54,2	543	76.5	73.5	25.0
20	2.46	78.0	75.0	542	74.6	71.6	25.0
25	2.75	78.0	75.0	541	72.6	69.6	25.0
31.25	3.08	78.0	75.0	540	70.7	67.7	25.0
62.5	4.37	78.0	75.0	539	64.7	61.7	23.6
100	5.56	75.4	72.4	538	60.6	57.6	22.2
200	7.94	70.9	67.9	537	54.6	51.6	20.1
250	8.92	69.4	66.4	536	52.6	49.6	19.4
300	9.81	68.2	65.2	536	51.1	48.1	18.9
400	11.40	66.4	63.4	536	48.6	45.6	18.0
500	12.83	64.9	61.9	536	46.6	43.6	17,3
600	14.13	63.7	60.7	535.5	45.0	42.0	16.8
1000	18.58	60.4	57.4	535.1	40.6	37.6	15.2
1500	23.17	57.8	54.8	534.9	39.1	34.1	14.0
2000	27.15	55.9	52.9	534.8	34.6	31.6	13.1

Ordering Information

Part Number	Product Description
RF1-8SFPV-5 <CC>	Cat 8 S/FTP Twisted 4 pairs solid cable, PVC Sheath, 500 Mtr/ Roll, <Color>
RF1-8SFLZ-5 <CC>	Cat 8 S/FTP Twisted 4 pairs solid cable, LSZH Sheath, 500 Mtr/ Roll, <Color>

CC = Color SB-Sky Blue, LG-Lemon Green, OR - Orange, GT- Grey, YL - Yellow, BL - Blue, WH - White, BK - Black, PR - Purple