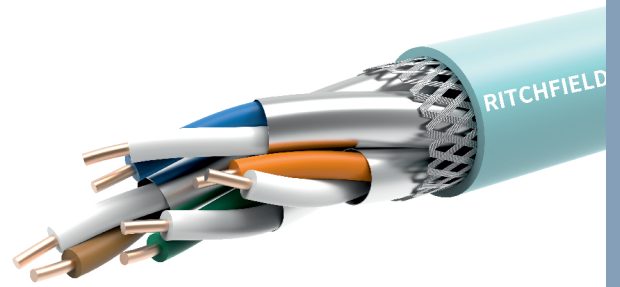


Cat 7 4-Pair S/FTP Cable



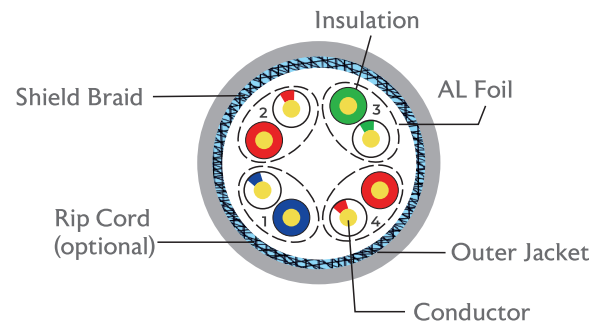
Ⓢ Features

Standards :

- UL Subject 444, ANSI/TIA 568C.2
- ISO / IEC 11801, IEC 61156-5, YD/T1019-2013, EN50288-4-1

Application :

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



Cross Section Diagram

Mechanical Information

Operating Temperature	-20 ~ 75°C
Maximum Pulling Force	110N
Minimum Bending Radius	8 X O.D.
Flame Test	PVC: CMX/CM/CMG/CMR LSZH: B2ca/Cca/Dca/Eca/Fca

Product Structure

Conductor	23AWG
Number of Pairs	4
Nominal Conductor Dimension	0.57 ± 0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.40 ± 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	7.50 ± 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	-	78.0	75.0	-	78	75	-
4	3.75	78.0	75.0	552	78	75	23.0
8	5.2	78.0	75.0	547	75.9	72.9	24.5
10	5.9	78.0	75.0	545	74	71.0	25.0
16	7.4	78.0	75.0	543	69.9	66.9	25.0
20	8.3	78.0	75.0	542	68	65	25.0
25	9.3	78.0	75.0	541	66	63	24.3
31.25	10.4	78.0	75.0	540	64.1	61.1	23.6
62.5	14.9	75.5	72.5	539	58.1	55.1	21.5
100	19.0	72.4	69.4	538	54	51.0	20.1
200	27.5	67.9	64.9	537	48	45	18.0
250	31.0	66.4	63.4	536	46	43	17.3
300	34.2	65.2	62.2	536	44.5	41.5	17.3
400	40	63.4	60.4	536	42	39.0	17.3
500	45.3	61.9	58.9	536	40	37.0	17.3
600	50.1	60.7	57.7	535.5	38.4	35.4	17.3

Ordering Information

Part Number	Product Description
RF1-7SFPV-5 <CC>	Cat 7 S/FTP Twisted 4 pairs solid cable, PVC Sheath, 500 Mtr/ Roll, <Color>
RF1-7SFLZ-5 <CC>	Cat 7 S/FTP Twisted 4 pairs solid cable, LSZH Sheath, 200 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