

Cat 7A 4-Pair S/FTP Cable

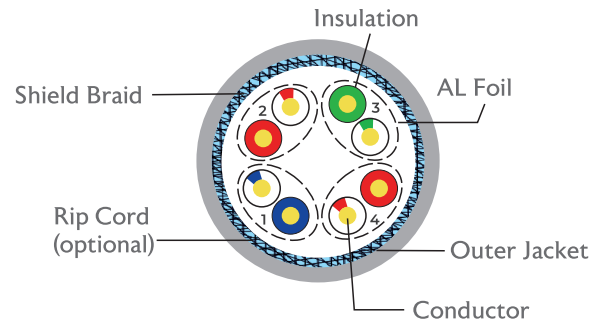
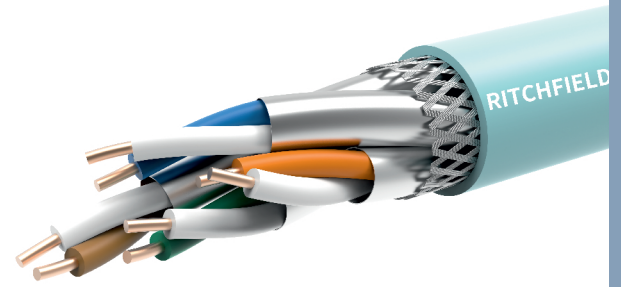
Features

Standards :

- UL Subject 444, ANSI/TIA 568C.2 ISO / IEC 1180-1, IEC 61156-5

Application :

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



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	Yes
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	570	78	75	20.0
4	3.75	78.0	75.0	552	78	75	23.0
8	5.22	78.0	75.0	547	77.2	74.2	24.5
10	5.82	78.0	75.0	545	75.3	72.3	25.0
16	7.32	78.0	54,2	543	71.2	68.2	25.0
20	8.21	78.0	75.0	542	69.3	66.3	25.0
25	9.18	78.0	75.0	541	67.3	64.3	24.3
31.25	10.26	78.0	75.0	540	65.4	62.4	23.6
62.5	14.9	78.0	75.0	539	59.4	56.4	21.5
100	18.53	75.4	72.4	538	55.3	52.3	20.1
200	26.47	70.9	67.9	537	49.3	46.3	18.0
250	29.73	69.4	66.4	536	47.3	44.3	17.3
300	32.69	68.2	65.2	536	45.8	42.8	17.3
400	38.01	66.4	63.4	536	43.3	40.3	17.3
500	42.76	64.9	61.9	536	41.3	38.3	17.3
600	47.01	63.7	60.7	535.5	39.7	36.7	17.3
800	54.92	61.9	58.9	535.3	37.2	34.2	17.3
1000	61.93	60.4	57.4	535.1	35.3	32.3	17.3

Ordering Information

Part Number	Product Description
RF1-7ASFPV-5 <CC>	Cat 7A S/FTP Twisted 4 pairs solid cable, PVC Sheath, 500 Mtr/ Box, <Color>
RF1-7ASFFLZ-5 <CC>	Cat 7A S/FTP Twisted 4 pairs solid cable, LSZH Sheath, 500 Mtr/ Box, <Color>

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