

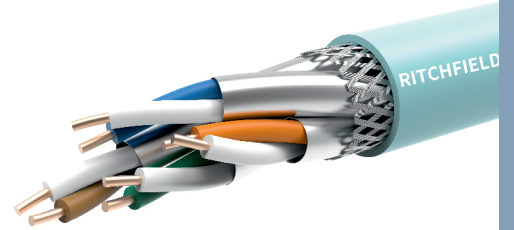
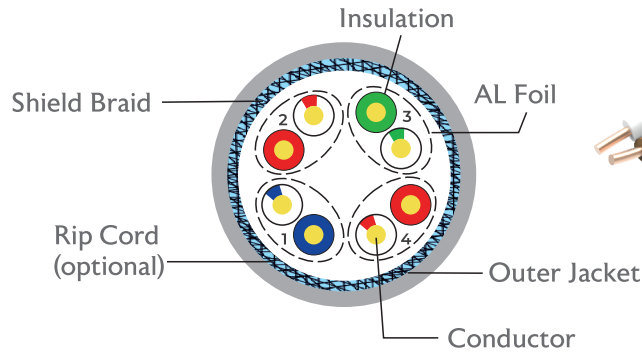
# Cat 6A 4-Pair S/FTP Cable

## Standards

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

## Applications

- 100 BASE - TC
- 100 BASE - TX
- 100VG - Any LAN
- 1000 BASE - T
- 1000 BASE - TX
- 155 Mbps ATM
- 622 Mbps ATM
- 10GB Ethernet



**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: CPR-Eca/Fca/Eca/Dca

## Product Structure

Conductor	23AWG
Number of Pairs	4
Nominal Conductor Dimension	0.57 ± 0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.34 ± 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	2.1	74.3	72.3	570	67.8	64.8	20.0
4	3.8	65.3	63.3	552	55.8	52.8	23.0
8	5.3	60.8	58.8	547	49.7	46.7	24.5
10	5.9	59.3	57.3	545	47.8	44.8	25.0
16	7.5	56.2	54.2	543	43.7	40.7	25.0
20	8.4	54.8	52.8	542	41.8	38.8	25.0
25	9.4	53.3	51.3	541	39.8	36.8	24.3
31.25	10.5	51.9	49.9	540	37.9	34.9	23.6
62.5	15	47.4	45.4	539	31.9	28.9	21.5
100	19.1	44.3	42.3	537.6	27.8	24.8	20.1
200	27.6	39.8	37.8	538	21.8	18.8	18.0
250	31.1	38.3	36.3	537	19.8	16.8	17.3
300	34.3	37.1	35.1	536	18.3	15.3	16.8
400	40.1	35.3	33.3	536	15.8	12.8	15.9
500	45.3	33.8	31.8	536	13.8	10.8	15.2

## Ordering Information

Part Number	Product Description
RF1-6ASFPV-5 <CC>	Cat 6A S/FTP Twisted 4 pairs solid cable, PVC Sheath, 500 Mtr/ Roll, <Color>
RF1-6ASFLZ-5 <CC>	Cat 6A S/FTP Twisted 4 pairs solid cable, LSZH Sheath, 500 Mtr/ Roll, <Color>

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