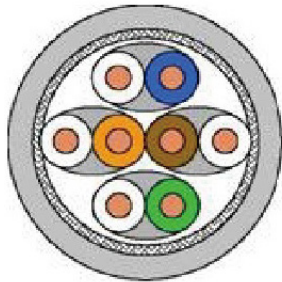
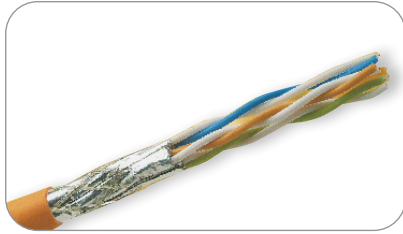


Category 6A S-FTP Cable



Applications

Generic cabling systems. Including 10/100/1000Base-T, 10G, ATM and Token Ring. This range of screened cables is designed to support Category 6A Link and Channel performance. With internationally defined physical and electrical performance up to 500 MHz.

Standards and Compliance

- ISO/IEC 11801
- TIA-568.2-D
- UL Subject 444

Construction

Conductor	23AWG annealed bare copper
Insulation	Foam Polyethylene
Colour Code	White/Blue – Blue, White/Orange – Orange, White/Green – Green, White/Brown – Brown
Screen	Individually Aluminium poly laminate screen pairs and overall tinned copper wire braided cable
Outer Jacket	LSZH
Outer Diameter	Nominal Diameter: 7.5 ± 0.5 mm

Mechanical Characteristics

Maximum Pulling Force	100 N
Minimum Bending Radius	8*OD
Nominal Weight	60 kg/km
Operating Temperature	-15 ~ +60°C
Installation Temperature	+0 ~ +50°C
Fire Performance	LSZH: IEC60332.1, IEC60332.3
Cable Length	305 m standard

Electrical Performance

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	400	500
NEXT dB	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	35.3	33.8
Characteristic Impedance (Ohm)	100 ± 15								100 ± 22		100 ± 25	
Attenuation dB/100 m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	40.1	45.3
Return Loss dB	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3	15.9	15.2
PSNEXT dB	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	33.3	31.8
ACR-F dB	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	15.8	13.8
PS ACR-F dB	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	12.8	15.3
Delay ns/100 m	570	552	543	543	542	540	539	538	537	536	536	536
Skew ns/100 m	≤ 45											

Ordering Information

PART NUMBER	DESCRIPTION	QUANTITY
AFLCABLE6ASF-BL-L	Category 6A S-FTP Cable LSZH, Blue	305 m reel