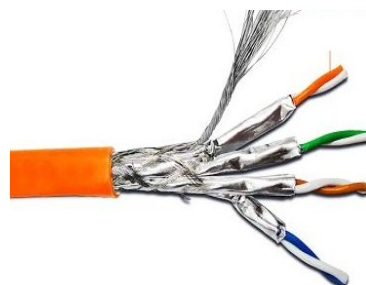
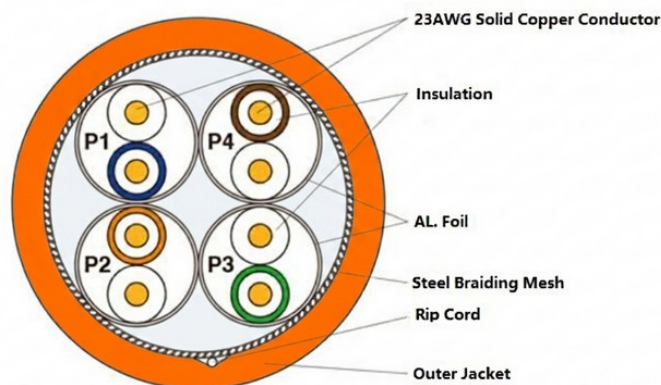


TECHNICAL DATA SHEET

Cable S/FTP cat.6a, 4x2x0,57mm, 23AWG, LSZH-FR, Copper



Field of application	Indoor	
Applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive	
Reference standard	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	
Fire resistance	Dca	
Conductor	Material	Solid-Bare Copper (99.95%)
	Diameter	0.57 ± 0.01 mm (AWG 24/1)
Insulation	Material	HDPE
	Diameter	1.35 ± 0.05 mm
Sheath	Material	LSZH-FR
	Color	ORANGE
	Thickness	0.55 ± 0.05 mm
	Diameter	8.00 ± 0.20 mm
Sheath printing	Lantaur Networking Internet Cable S/FTP Cat.6a 23AWG 4x2x0.57mm LSZH-FR CE ANSI/TIA-568-C.2 OPERATING VOLTAGE MAX 72VOLTS week/year 001-305m	
Rip-cord	Yes (Nylon)	
Separator (Cross member)	No	
Drain wire	No	
Shielding	Individual pairs shielded AL foil + 96*0.12mm AL braid	
Electrical Characteristics (20°C)	1.0-500.0 Mhz impedance	100 ± 15 Ω
	1.0-500.0 MHz delay skew	≤ 45 ns/100 m
	DC resistance	≤ 9.8 Ω/100 m
	DC conductor resistance unbalance	≤ 5.0%
	NVP (%)	0.72
Package dimension	Wooden reel 370 mm (W) × 370 mm (H) × 280 mm (D)	
Cable length	305 ± 0.5 m	
Operation Temperature	-20°C to +60°C	
Installation Temperature	0°C to +50°C	
Operating voltage (DC)	≤72 V	

FREQUENCY MHz	ATTENUATION dB/100m	NEXT dB	PS-NEXT dB	RL dB	ELFEXT dB	PS-ELFEXT dB/100m
1	2	74.3	72.3	2	67.8	64.8
4	3.8	65.3	63.3	23	55.8	52.8
8	5.3	60.8	48.8	24.5	49.7	46.7
10	5.9	59.3	57.3	25	47.8	44.8
16	7.5	56.2	54.2	25	43.7	40.7
20	8.4	54.8	52.8	25	41.8	38.8
25	9.4	53.3	41.3	24.3	39.8	36.8
31.25	10.5	51.9	49.9	23.6	37.9	34.9
62.5	15.0	47.4	45.4	21.5	31.9	28.9
100	19.1	44.3	42.3	20.1	27.8	24.8
200	27.6	39.8	37.8	18.0	21.8	18.8
250	31.1	38.3	36.3	17.3	19.8	16.8
300	34.3	37.1	35.1	16.8	18.3	15.3
500	45.3	33.8	31.8	15.2	13.8	10.8