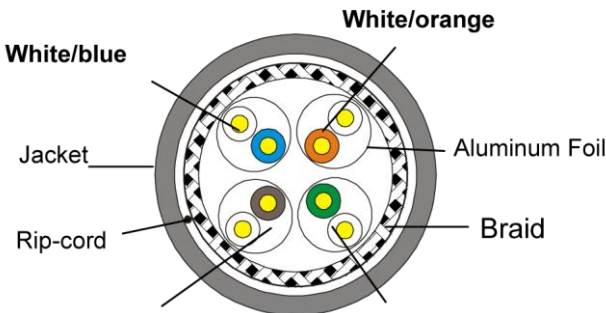


SFTP Cat7 4x2x23AWG (0.57mm) LSZH Jacket 500m/Drum, Delta Standard

S/FTP 4Pairs cable-category 7-LSZH Sheath

Content of the Data Sheet

Sheath Printing	ZHAOLONG DATA CABLE S/FTP CAT7 4/23AWG LSZH ***m				
Category	S/FTP-CAT7-4P-LSZH-TC30				
Test Standard	ISO/IEC 61156-5;EN 50288-4 ,YD/T1019				
Conductor	Material	SOLID-Bare Copper			
	23AWG				
Insulation	Material	Skin-foam-skin PE			
	Diameter	1.330±0.05 mm			
Inner Screening Material	Aluminum Foil	Drain wire	No		
Outer Screening Material	Magnalium 0.12mm	Coverage	≥40%		
Sheath	Thickness	0.55±0.05 mm			
	External O.D.	7.5±0.5 mm			
	Surface	Clean			
	Material	LSZH			
	Color	According to the requires			
Surface Printing	Letter height	3.0±0.3mm			
	Color	Black			
	Print error & Space	±0.5%, 1m			
Core Color	1 White/Blue	2 White/Orange			
	3 White/Green	4 White/Brown			
Packing	Wooden Tray & Carton				
Wooden Tray dimension	According to the requires				
Packing length	305±1.0m				
Rip-cord	Yes				
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			
	Elongation (%)	≥125			
	Aging Period (°C×hrs)	100°C×24h×7d			
	After Aging Tensile Strength (Mpa)	≥8			
	Elongation (%)	≥100			
Electrical Characteristics (20°C)	Cold bend (-20±2°C×4h) 8×Cable O.D., No visible cracks				
	Impedance(Ω) : (1-100MHz) 100±15Ω				
	(100-250MHz) 100±18Ω				
	(250-600MHz) 100±25Ω				
	Delay Shew (ns/100m) ≤25				
	Velocity of Propagation (%) 74				
	unbalanced-to-ground capacitance (pf/100m) max 330				
DC Resistance (Ω/100m) max 9.5					
DC Conductor Resistance Unbalanc (%) max 2.0					

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1.0	20.0	2.0	78.0	570.0
4.0	23.0	3.74	78.0	552.0
8.0	24.5	5.24	78.0	546.7
10.0	25.0	5.86	78.0	545.4
16.0	25.0	7.41	78.0	543.0
20.0	25.0	8.29	78.0	542.0
25.0	24.3	9.29	78.0	541.2
31.25	23.6	10.41	78.0	540.4
62.5	21.5	14.88	75.5	538.6
100	20.1	19.02	72.4	537.6
200	18.0	27.47	67.9	536.5
250	17.3	30.97	66.4	536.3
300	17.3	34.19	65.2	536.1
600	17.3	50.10	60.7	535.5

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	75.0	78.0	75.0
4	75.0	78.0	75.0
8	75.0	75.9	72.9
10	75.0	74.0	71.0
16	75.0	69.9	66.9
20	75.0	68.0	65.0
25	75.0	66.0	63.0
31.25	75.0	64.1	61.1
62.5	72.5	58.1	55.1
100	69.4	54.0	51.0
200	64.9	48.0	45.0
250	63.4	46.0	43.0
300	62.2	44.5	41.5
600	57.7	38.4	35.4