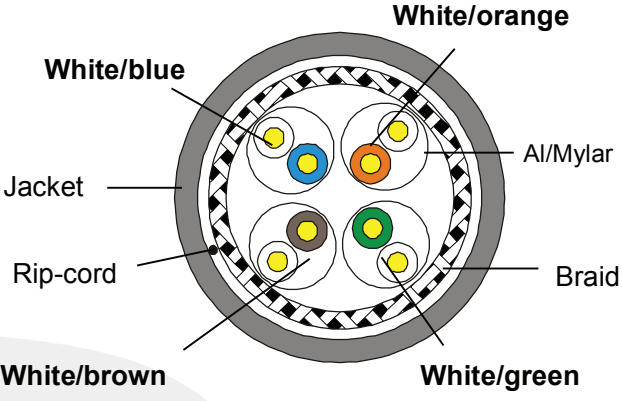


S/FTP 4Pairs cable-category 7A-LSZH Sheath

p.n: 907202

Sheath Printing	TBD								
Customer No.		Customer Reference							
Category	S/FTP-CAT7A-4P-LSZH-TC30								
Reference Standard	ISO/IEC 61156-5;EN 50288-4								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.580	up down	+0.005 -0.005					
Insulation	Material	Skin-foam-skin PE							
	Diameter	1.350±0.05 mm							
Inner Screening Material	Al/Mylar	Drain wire	No						
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥30%						
Sheath	Thickness	0.55±0.05 mm			Technical Performance (100m):				
	External O.D.	7.8±0.5 mm			Frequency (MHz)	RL ≥ dB	ATT ≤ dB	NEXT ≥ dB	PHASE DELAY ≤ ns
	Surface	Clean			1.0	20.0	—	78.0	570.0
	Material	LSZH(complies RoHS)			4.0	23.0	3.74	78.0	552.0
	Color	TBD			8.0	24.5	5.24	78.0	546.7
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.86	78.0	545.4
	Color	Black			16.0	25.0	7.41	78.0	543.0
	Print error & Space	≤±0.5%, 1m			20.0	25.0	8.29	78.0	542.0
					25.0	24.3	9.29	78.0	541.2
Core Color	1 White/Blue	2 White/Orange			31.25	23.6	10.41	78.0	540.4
	3 White/Green	4 White/Brown			62.5	21.5	14.88	75.5	538.6
Packing	Drum				100	20.1	19.02	72.4	537.6
Wooden Tray dimension	According to the requires				150	18.9	23.56	69.8	536.9
Packing length	305± 1.0m				200	18.0	27.47	67.9	536.5
Rip-cord	Yes				250	17.3	30.97	66.4	536.3
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0		300	17.3	34.19	65.2	536.1
		Elongation (%)	≥125		600	17.3	50.10	60.7	535.5
	Aging Period (°C×hrs)	100°C×24h×7d			700	14.2	54.63	59.7	535.4
	After Aging	Tensile Strength (Mpa)	≥8.0		1000	13.1	66.93	57.3	535.1
		Elongation (%)	≥100						
Electrical Characteristics (20°C)	Cold bend (-20±2°C ×4h) 8×Cable O.D., No visible cracks				Frequency (MHz)	PSNEXT ≥ dB	ELFEXT ≥ dB	PSELFEXT ≥ dB	
	Impedance(Ω) : (1-100MHz) 100±15Ω				1	75.0	78.0	75.0	
	(100-250MHz) 100±18Ω				4	75.0	78.0	75.0	
	(250-1000MHz) 100±25Ω				8	75.0	75.9	72.9	
	Delay Skew (ns/100m) ≤25				10	75.0	74.0	71.0	
	Velocity of Propagation (%) 74				16	75.0	69.9	66.9	
	unbalanced-to-ground capacitance (pf/100m) max 330				20	75.0	68.0	65.0	
	DC Resistance (Ω/100m) max 9.38				25	75.0	66.0	63.0	
DC Conductor Resistance Unbalanc (%) max 2.0				31.25	75.0	64.1	61.1		
				62.5	72.5	58.1	55.1		
				100	69.4	54.0	51.0		
				150	66.8	50.2	47.2		
				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		
				700	56.7	37.1	34.1		
				1000	54.4	34.0	31.0		