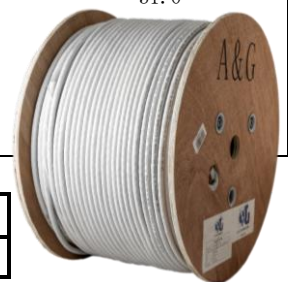




Sheath Printing	TBD			
Category	S/FTP-CAT7-4P- LSZH-TC30			
Reference Standard	ISO/IEC 61156-5; EN 50288-4			
Conductor	Material	Solid-Bare Copper		
	Nom.O.D.(mm)	0.560	up +0.005 down -0.005	
Insulation	Material	Skin-Foam-skin PE		
	Diameter	1.330±0.05mm		
Inner Screening Material	Al/Mylar	Drain Wire	No	
Outer Screening Material	Tinned Copper 0.10mm	Coverage	≥30%	
Sheath	Thickness	0.55±0.05 mm (Avg.)		
	External O.D.	7.6±0.5 mm		Frequency (MHz) RL (dB) ATT (dB) NEXT (dB) DELAY (ns)
	Surface	Clean		1 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			200 18.0 27.47 67.9 536.5
Packing length	305±1.5m			250 17.3 30.97 66.4 536.3
Rip-cord	Yes			300 17.3 34.19 65.2 536.1
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0		600 17.3 50.10 60.7 535.5
	Elongation(%)	≥125		700 14.2 54.63 59.7 535.4
	Aging Period (°C×hrs)	100°C×24h×7d		1000 13.1 66.93 57.3 535.1
	After Aging Tensile Strength(Mpa)	≥8.0		Frequency (MHz) PSNEXT (dB) ELFEXT (dB) PSELFEXT (dB)
	Elongation(%)	≥100		1 75.0 78.0 75.0
Electrical Characteristics (20°C)	Cold bend(-20±2°C×4h)	8×Cable O.D. No visible cracks		4 75.0 78.0 75.0
	Impedance(Ω) (1-100MHz)	100±15Ω		8 75.0 75.9 72.9
	(100-250MHz)	100±18Ω		10 75.0 74.0 71.0
	(250-1000MHz)	100±25Ω		16 75.0 69.9 66.9
	Delay Skew (ns/100m)	≤25		20 75.0 68.0 65.0
	Velocity of Propagation (%) max	74		25 75.0 66.0 63.0
	Unbalanced to ground capacitance (pf/100m) max	330		31.25 75.0 64.1 61.1
DC Resistance (Ω/100m) max	9.38		62.5 72.5 58.1 55.1	
DC Conductor Resistance Unbalance (%) max	2.0		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	
			700 56.7 37.1 34.1	
			1000 54.4 34.0 31.0	



Part No	Description
108-72001	CAT 7 S/FTP CABLE-LSZH SHEATH