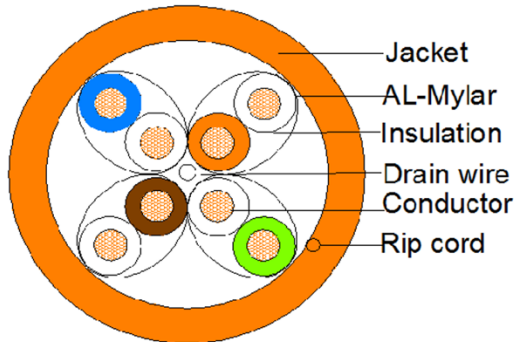


Newlink U/FTP 4-Pairs Cat 6A LSZH



Technical Specifications:

Category	U/FTP Cat 6A LSZH			
Reference Standard	ISO/IEC11801, ANSI/TIA-568.2-D			
Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.560	Up	+0.005
			down	-0.005
Insulation	Material	Skin-foam-skin PE		
	Diameter	1.30±0.05 mm		
Screening Material	Al/Mylar	Drain wire	Yes	
Sheath	Thickness	0.5±0.1 mm		
	External O.D.	7.0±0.5 mm		
	Surface	Clean		
	Material	LSZH (complies RoHS)		
	Color	TBD		
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	Drum			
Packing length	305±1.5m			
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)	≥8.0	
	Elongation (%)	≥100	
	Cold bend(-20±2°C×4h) 8×Cable O.D No visible cracks		
Electrical Characteristics (20°C)	Impedance(Ω)	1.0-250.0MHz	100±15
		250.0-500.0MHz	100±22
	1.0-500.0MHz Delay Skew (ns/100m) ≤45		
	unbalanced-to-ground capacitance(pf/km) max. 1600		
	DC Resistance (Ω/km) max. 93.8		
	Resistance Unbalance within a pair (%) max. 2.0		
Reaction to fire Classification: Dca,s1,d2,a1	CPR Part no. G2503-030		

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	--	74.3	570	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552	63.3	55.8	52.8
8.0	24.5	5.3	60.8	547	58.8	49.7	46.7
10.0	25.0	5.9	59.3	545	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543	54.2	43.7	40.7
20.0	25.5	8.4	54.8	542	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541	51.3	39.8	36.8
31.25	23.6	10.5	51.9	540	49.9	37.9	34.9
62.5	21.5	15.0	47.4	539	45.4	31.9	28.9
100	20.1	19.1	44.3	538	42.3	27.8	24.8
200	18.0	27.6	39.8	537	37.8	21.8	18.8
250	17.3	31.1	38.3	536	36.3	19.8	16.8
300	16.8	34.3	37.1	536	35.1	18.3	15.3
400	15.9	40.1	35.3	536	33.3	15.8	12.8
500	15.2	45.3	33.8	536	31.8	13.8	10.8

NEWLINK

Cabling Systems

NEW-980788X

Ordering Information:

Part Number	Description
NEW-9807881	Newlink U/FTP 4-Pairs Cat 6A LSZH – Gray