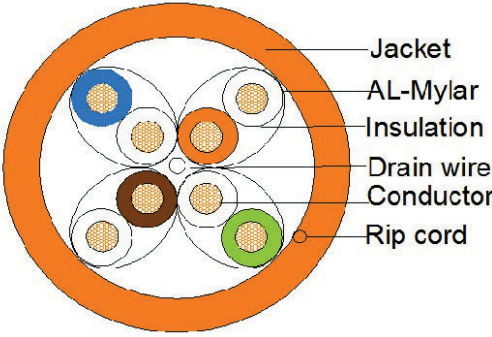


U/FTP 4Pairs cable-category 6A-LSZH Sheath

P/N:ZL-B0260-2503-001

Content of the Data Sheet

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Sheath Printing	TBD									
Customer No.		Customer Reference								
Category	SD U/FTP- CAT6A-4P-LSZH(Dca,s1,d2,a1)									
Reference Standard	ISO/IEC11801 、ANSI/TIA-568.2-D									
Conductor	Material	SOLID-Bare Copper								
	Nom.O.D.(mm)	0.550	up	+0.005						
			down	-0.005						
Insulation	Material	Skin-foam-skin PE								
	Diameter	1.28±0.05 mm								
Screening Material	Al/Mylar	Drain wire	Yes							
Sheath	Thickness	0.55±0.1 mm				Technical Performance (100m) :				
	External O.D.	6.9±0.5 mm				Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Surface	Clean				1	20.0	—	74.3	570
	Material	LSZH(complies RoHS)				4.0	23.0	3.8	65.3	552
	Color	TBD				8.0	24.5	5.3	60.8	547
Surface Printing	Letter height	3.0±0.3mm				10.0	25.0	5.9	59.3	545
	Color	Black				16.0	25.0	7.5	56.2	543
	Print error & Space	≤±0.5%, 1m				20.0	25.0	8.4	54.8	542
						25.0	24.3	9.4	53.3	541
Core Color	1 White/Blue	2 White/Orange				31.25	23.6	10.5	51.9	540
	3 White/Green	4 White/Brown				62.5	21.5	15.0	47.4	539
Packing	Drum				100	20.1	19.1	44.3	538	
Packing length	305±1.5m				200	18.0	27.6	39.8	537	
Rip-cord	Yes				250	17.3	31.1	38.3	536	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0				300	16.8	34.3	37.1	536
	Elongation(%)	≥125				400	15.9	40.1	35.3	536
	Aging Period (℃×hrs)	100℃×24h×7d				500	15.2	45.3	33.8	536
	After Aging Tensile Strength(Mpa)	≥8.0								
	Elongation(%)	≥100								
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h)	8×Cable O.D., No visible cracks								
	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					
Meets PoE IEEE 802.3bt Type 4 100 Watts					Segresjonsklasse: C					
Reaction to fire Classification: Dca,s1,d2,a1					CPR Part no. G2503-030					
Acceptance criterion: FLUKE Permanent link test 90m, pass										
Version	A/01	Date	2023-11-08	Revised By	Caihangle	Audited By	Nidonghua	Approved By	Nidonghua	

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