

Laatuantenni Cat6A U/FTP 26AWG Cca

Sähkönumero 0232561

Content of the Data Sheet														
Sheath Printing		LA - Cat6A 1xU/FTP LSZH EC500 Cca-s1a,d1,a1 NVP 74% xxm xxweek/xxyear												
Customer No.					White/blue White/orange Al/Mylar Jacket White/green Rip-cord White/brown Drain wire									
Category		U/FTP- CAT6A-4P-LSZH(Cca-s1a,d,a1)												
Reference Standard		ISO/IEC11801、ANSI/TIA-568.2-D												
Conductor		Material		SOLID-Bare Copper										
		Nom.O.D.(mm)		0.400							up	+0.005		
				down	-0.005									
Insulation		Material		Skin-foam-skin PE										
		Diameter		0.92±0.05 mm										
Screening Material		Al/Mylar		Drain wire		Yes								
Sheath		Thickness		0.55±0.05 mm			Technical Performance (100m) nom:							
		External O.D.		5.8±0.4 mm			Frequency (MHz)	RL (dB)	ATT (dB)	NEXT (dB)	PHASE DELAY (ns)			
		Surface		Clean			4.0	23.0	5.6	66.3	552			
		Material		FR-LSZH(complies RoHS)			8.0	24.5	8.0	61.8	547			
		Color		Lila			10.0	25.0	8.9	60.3	545			
Surface Printing		Letter height		3.0±0.3mm			16.0	25.0	11.2	57.2	543			
		Color		Black			20.0	25.0	12.6	55.8	542			
		Print error & Space		≤±0.5%, 1m			25.0	24.3	14.1	54.3	541			
							31.25	23.6	15.8	52.9	540			
Core Color		1 White/Blue		2 White/Orange			62.5	21.5	22.5	48.4	539			
		3 White/Green		4 White/Brown			100	20.1	28.7	45.3	538			
Packing		Drum					200	18.0	41.4	40.8	537			
							250	17.3	46.6	39.3	536			
Packing length		305±1.5m						300	16.8	51.4	38.1	536		
Rip-cord		Yes						400	15.9	60.1	36.3	536		
								500	15.2	67.9	34.8	536		
Sheath Physical Properties		Before Aging		Tensile Strength (Mpa) ≥9.0		Frequency (MHz)		PSNEXT (dB)		ELFEXT (dB)		PSELFEXT (dB)		
				Elongation (%) ≥100		4		63.3		56.0		53.0		
		Aging Period (℃×hrs)		100℃×24h×7d		8		58.8		49.9		46.9		
		After Aging		Tensile Strength (Mpa) ≥8.0		10		57.3		48.0		45.0		
				Elongation (%) ≥70		16		54.2		43.9		40.9		
Electrical Characteristics (20℃)		Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks			20		52.8		42.0		39.0	
							25		51.3		40.0		37.0	
							31.25		49.9		38.1		35.1	
		Impedance(Ω) : 100±5 Ω @100MHz					62.5		45.4		32.1		29.1	
		1.0-500.0MHz Delay Skew (ns/100m) ≤45					100		42.3		28.0		25.0	
		Unbalanced-to-ground capacitance(pf/100m)max 330					200		37.8		22.0		19.0	
		DC Resistance (Ω/100m) max 14.8					250		36.3		20.0		17.0	
					300		35.1		18.5		15.5			
					400		33.3		16.0		13.0			
					500		31.8		14.0		11.0			
Acceptance criterion: FLUKE Permanent link test≤65m, pass														
Reaction to fire Classification: Cca,s1a,d1,a1														
Version	A/01	Date	2025-02-27	Revised By	Hanjunkang	Audited By	Caihanglie	Approved By	Nidonghua					