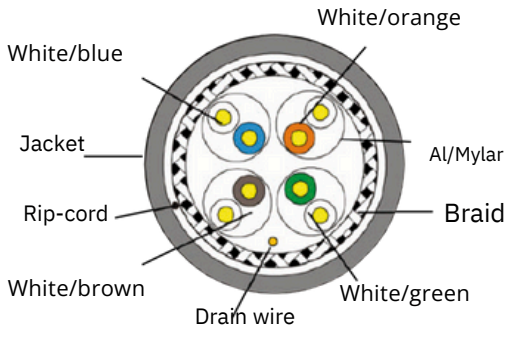


## Laatuantenni Cat7A S/FTP Simplex Dca

Sähkönumero 0232550

Content of the Data Sheet										
Sheath Printing	LA - Cat7A 1xS/FTP LSZH EC1000 Cca,s1a,d1,a1 NVP 78% xxxm xxweek/xyyear									
Customer No.										
Category	S/FTP-CAT7A-4P-LSZH-AM30(Cca-s1a,d1,a1)									
Reference Standard	ISO/IEC 61156-5;EN 50288-4									
Conductor	Material	SOLID-Bare Copper								
	Nom.O.D.(mm)	0.560	up down							+0.005 -0.005
Insulation	Material	Skin-foam-skin PE								
	Diameter	1.330±0.05 mm								
Inner Screening Material	Al/Mylar	Drain wire	TC 0.40mm							
Outer Screening Material	Aluminum-magnesium alloy	Coverage	≥30%							
Sheath	Thickness	0.55±0.05 mm								Technical Performance (100m):
	External O.D.	7.6±0.5 mm		Frequency RL (MHz)	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns			
	Surface	Clean		1.0 4.0	20.0	78.0	570.0			
	Material	FR-LSZH(complies RoHS)		8.0 10.0	23.0	3.74	78.0	552.0		
	Color	Orange		16.0	24.5	5.24	78.0	546.7		
Surface Printing	Letter height	3.0±0.3mm		20.0	25.0	5.86	78.0	545.4		
	Color	Black		25.0	25.0	7.41	78.0	543.0		
	Print error & Space	≤±0.5%, 1m		31.25	25.0	8.29	78.0	542.0		
	Core Color	1 White/Blue	2 White/Orange		62.5	24.3	9.29	78.0	541.2	
		3 White/Green	4 White/Brown		100 150	23.6	10.41	75.5	540.4	
	Packing	Drum		200 250	21.5	14.88	72.4	538.6		
	Wooden Tray dimension	According to the requires		300 600	20.1	19.02	69.8	537.6		
	Packing length	305±1.0m		700	18.9	23.56	67.9	536.9		
	Rip-cord	Yes		1000	18.0	27.47	66.4	536.5		
	Physical Properties	Before Aging Tensile Strength (Mpa)		17.3	30.97	65.2	536.3			
Sheath		Elongation (%)	≥10.0	17.3	34.19	60.7	536.1			
		Elongation (%)	≥125	17.3	50.10	59.7	535.5			
After Aging Tensile Strength (Mpa)		≥8.0	14.2	54.63	57.3	535.4				
Elongation (%)		≥100	13.1	66.93	535.1					
Cold bend (-20±2°C×4h) 8×Cable O.D, No visible cracks			Frequency PSNEXT (MHz)							
Electrical Characteristics (20°C)	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 (%)	78		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			
Reaction to fire Classification : Cca,s1a,d1,a1			62.5	72.5	58.1	55.1				
Version	A/01	Date	2022-02-25	Revised By	Caihnglie	Audited By	Nidonghua	Approved By	Nidonghua	