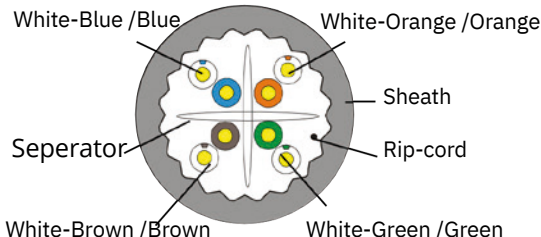


Laatuantenni Cat6A U/UTP Simplex Dca

Sähkönumero 0232558

Content of the Data Sheet									
Sheath Printing	LA - Cat6A 1xU/UTP LSZH EC250 Dca-s2,d2,a1 NVP 69% xxxm xxweek/xyyear								
Customer No.									
Category	U/UTP CAT6A-4P- LSZH(Dca,s2,d2,a1)								
Reference Standard	ISO/IEC11801、TIA-568-C.2								
Conductor	Material	Solid-Bare Copper							
	Nom.O.D.(mm)	0.565	up down	+0.005 -0.005					
Insulation	Material	HDPE							
	Diameter	1.02±0.05mm							
Sheath	Thickness	0.70±0.05mm(avg.)			Technical Performance (100m):				
	External O.D.	7.1±0.4mm			Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
	Surface	Clean, Frap, Satiation			1	20.0	2.1	74.3	570.0
	Material	FR-LSZH (Complies RoHS)			4.0	23.0	3.8	65.3	552.0
	Color	White			8.0	24.5	5.3	60.8	546.7
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.9	59.3	545.4
	Color	Black			16.0	25.0	7.5	56.2	543.0
	Print error & Space	<±0.5%, 1m			20.0	25.0	8.4	54.8	542.1
	Core Color	1 White- Blue /Blue	2 White-Orange /Orange		25.0	24.3	9.4	53.3	541.2
		3 White-Green /Green	4 White- Brown /Brown		31.25	23.6	10.5	51.9	540.4
Packing	Wooden Tray & Carton			62.5	21.5	15.0	47.4	538.6	
Carton dimension	According to the requires			100	20.1	19.1	44.3	537.6	
Packing length	305±1.5m			200	18.0	27.6	39.8	536.5	
Rip-cord	Yes	Drain wire	No	250	17.3	31.1	38.3	536.3	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			300	16.8	34.3	37.1	536.1
	Elongation(%)	≥125			500	15.2	45.3	33.8	535.6
	Aging Period (°C×hrs)	100°C×24h×7d			Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
	After Aging Tensile Strength(Mpa)	≥8.0			1	72.3	67.8	64.8	
	Elongation(%)	≥100			4	63.3	55.8	52.8	
Electrical Characteristics (20°C)	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks				8	58.8	49.7	46.7	
	Impedance(Ω) 1.0-250.0MHz	100±15			10	57.3	47.8	44.8	
	250.0-500.0MHz	100±22			16	54.2	43.7	40.7	
	1.0-500.0MHz Delay Skew (ns/100m) ≤45				20	52.8	41.8	38.8	
	DC Resistance (Ω/100m) max	9.38			25	51.3	39.8	36.8	
DC Conductor Resistance Unbalance (%) max	5.0			31.25	49.9	37.9	34.9		
Reaction to fire Classification : Dca,s2,d2,a1									
Version	A/01	Date	2017-08-25	Revised By	Caihangle	Audited By	Nidonghua	Approved By	Nidonghua