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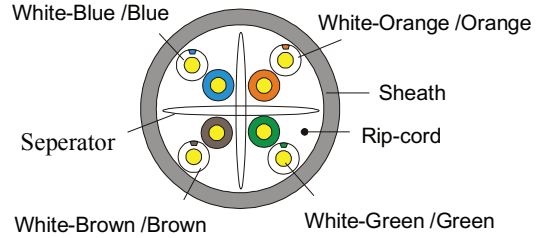
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SCP PART#: HNCPROPLUS-LSZH-BL-C UPC: 817777015584

DESCRIPTION:

CAT6 UTP LSZH - Cca EuroClass- HDBASET ENHANCED 550 MHz 23 AWG SOLID BC, 4PR, UTP TIA/EIA-568-C.2, EN50173-1, ISO/IEC 11801 CLASS E, EN50575:2014 Cca-s1a,d1,a1 BLUE LSZH JKT- 1000FT/305M BOX

Sheath Printing	STRUCTURED CABLE PRODUCTS --- HNCPROPLUS FOR CAT6 --- LOW SMOKE ZERO HALOGEN - HDBASET ENHANCED 550MHZ UTP ANSI/TIA-568-C.2 ISO/IEC 11801 CLASS E 4PR 23AWG SOL BC EN50575:2014 CE Cca-s1a,d1,a1 EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***M MM/YY				
Customer No.		Customer Reference			
Category	U/UTP CAT6-4P-LSZH (Cca)				
Reference Standard	ISO/IEC11801,TIA-568-C.2				
Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.550	up	+0.005	
			down	-0.005	
Insulation	Material	HDPE			
	Diameter	0.98±0.05mm			
Filling	Plastic Separator : FRPE				
Sheath	Thickness	0.9±0.2 mm			
	External O.D.	6.7±0.4 mm			
	Surface	Clean,Frap,Satiation			
	Material	FR-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 /Blue	2 White-Orange /Orange			
	3 White-Green /Green	4 White- Brown /Brown			
Packing	305meters Reel-in-box	38.5cm x 32.5cm x38.5cm			
Weight:	N.W.18.5kgs, G.W 21.0KGS				
Packing length	305 , 27 boxes or 18 boxes each pallet				
Rip-cord	Yes	Drain wire	No		
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥9.0		
		Elongation (%)	≥100		
	Aging Period (°C × hrs)	100°C × 24h × 7d			
	After Aging	Tensile Strength (Mpa)	≥8.0		
		Elongation (%)	≥70		
	Cold bend (-20±2°C × 4h) 15times cable O.D. No visible cracks				
	Operation Temperature: -20°C ~+80°C				
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω)	100 ± 15			
	1.0-250.0MHz, Delay Skew 20°C (ns/100m)	≤45			
	DC Resistance (Ω/100m) max	9.38			
	DC Conductor Resistance Unbalance (%) max	5.0			
Reaction to fire Classification: Cca,s1a,d1,a1					
Version	A/02	Date	2017-11-21	Revised By	J. Klucar



Technical Performance:

Frequency (MHz)	RL ≥dB	ATT (20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	2.03	74.3	570.00
4.0	23.0	3.78	65.3	552.00
8.0	24.5	5.32	60.8	546.73
10.0	25.0	5.95	59.3	545.38
16.0	25.0	7.55	56.2	543.00
20.0	25.0	8.47	54.8	542.05
25.0	24.3	9.51	53.3	541.20
31.25	23.6	10.67	51.9	540.44
62.5	21.5	15.38	47.7	538.55
100	20.1	19.80	44.3	537.60
200	18.0	28.98	39.8	536.54
250	17.3	32.85	38.3	536.27

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	67.8	64.8
4	63.3	55.8	52.8
8	58.8	49.7	46.7
10	57.3	47.8	44.8
16	54.2	43.7	40.7
20	52.8	41.8	38.8
25	51.3	39.8	36.8
31.25	49.9	37.9	34.9
62.5	45.4	31.9	28.9
100	42.3	27.8	24.8
200	37.8	21.8	18.8
250	36.3	19.8	16.8