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SCP PART#: HNCPROPLUS-6A-LSZH-BL-D

UPC: 817777016680

DESCRIPTION:

Dca EUROCLASS- HDBASET ENHANCED CAT6A, 10GBASE-T, 600 MHz 23 AWG SOLID BC, 4PR, U/FTP, ANSI/TIA 568-C.2, EN50173-1, ISO/IEC 11801 CLASS Ea, EN50575:2014 Dca-s1,d2,a1 LSZH JKT- BLUE- 1000FT/305M SPOOL

Sheath Printing	STRUCTURED CABLE PRODUCTS --- HNCPROPLUS FOR CAT6A --- LOW SMOKE ZERO HALOGEN - HDBASET ENHANCED 10GBASE-T 600MHZ U/FTP ANSI/TIA-568-C.2 ISO/IEC 11801 CLASS EA 4PR 23AWG SOL BC EN50575:2014 CE Dca-s1,d2,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/FTP- CAT6A-4P-LSZH(Dca-s1,d2,a1)				
Reference Standard	ISO/IEC11801 、 TIA-568-C.2				
Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.560	up	+0.005	down
Insulation	Material	Skin-foam-skin PE			
	Diameter	1.330±0.05 mm			
Screening Material	Al/Mylar	Drain wire	Yes		
Sheath	Thickness	0.6±0.1 mm			
	External O.D.	7.4±0.5 mm			
	Surface	Clean			
	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	2 White/Orange		
Packing	3 White/Green		4 White/Brown		
	305M reel Reel size 38cmx38cmx24cm				
	N.W.16.90kgs, G.W.18.50kgs, 36 reels each pallet				
	Weight				
	Rip-cord				
Physical Properties	Yes	Frequency PSNEXT (MHz) ≥dB			
	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)	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/100m)max		330		
	DC Resistance (Ω/100m) max		9.38		
	DC Conductor Resistance Unbalance (%) max		5.0		
Technical Performance (100m):					
Frequency RL ATT NEXT PHASE DELAY (MHz) ≥dB ≤dB ≥dB ≤ns					
1 20.0 — 74.3 570					
4.0 23.0 3.8 65.3 552					
8.0 24.5 5.3 60.8 547					
10.0 25.0 5.9 59.3 545					
16.0 25.0 7.5 56.2 543					
20.0 25.0 8.4 54.8 542					
25.0 24.3 9.4 53.3 541					
31.25 23.6 10.5 51.9 540					
62.5 21.5 15.0 47.4 539					
100 20.1 19.1 44.3 538					
200 18.0 27.6 39.8 537					
250 17.3 31.1 38.3 536					
300 16.8 34.3 37.1 536					
400 15.9 40.1 35.3 536					
500 15.2 45.3 33.8 536					
Frequency PSNEXT ELFEXT PSELFEXT (MHz) ≥dB ≥dB ≥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					
300 35.1 18.3 15.3					
400 33.3 15.8 12.8					
500 31.8 13.8 10.8					
Reaction to fire Classification: Dca-s1,d2,a1					
Version	A/01	Date	2017-08-25	Revised By	J. Klucar

