

SCP PART#: HNCPROPLUS-6A-LSZH

UPC: 817777011241

DESCRIPTION:

Rev04/20

HDBaseT ENHANCED CAT6A U/FTP, 10GBASE-T, 600 MHz 23 AWG SOLID BC, 4PR, U/FTP, ANSI/TIA 568.2-D, EN50575:2014 CE Dca-s2,d2,a1 , ISO/IEC 11801 CLASS Ea, LSZH JKT- ICE 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 568.2-D ISO/IEC 11801 CLASS EA 4PR 23AWG SOL BC EN50575:2014 CE Dca-s2,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					
Reference Standard	ISO/IEC11801 、TIA-568.2-D					
Conductor	Material	SOLID-Bare Copper				
	Nom.O.D.(mm)	0.560	up	+0.005		
			down	-0.005		
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				
	3 White/Green	4 White/Brown				
Packing	305M reel Reel size 38cmx38cmx24cm					
Weight	N.W.16.90kgs, G.W.18.50kgs, 36 reels each pallet					
Rip-cord	Yes					
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)	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 (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤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		
Electrical Characteristics (20°C)	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			
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-s2,d2,a1						

