



Structured Cable Products

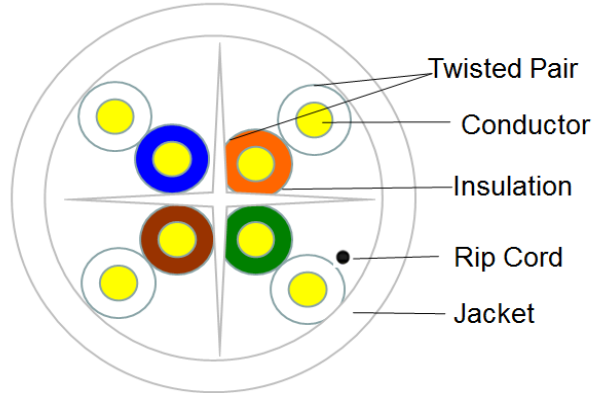
Quality Installations Deserve Quality Products

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SCP PART#: HNCPROPLUS-LSZH-WT-D

DESCRIPTION: HNCPROPLUS+ for CAT6- Low Smoke Zero Halogen- HDBaseT Enhanced 550 MHz 23 AWG SOLID BC, 4PR, UTP, ANSI/TIA 568.2-D, ISO/IEC 11801 Class E, IEEE 802.3bt, EN50575 Dca-s1,d1,a1, LSZH Jkt- White - 305M/1000FT Box



Regulatory

TIA/EIA 568.2-D and ISO/IEC 11801

EU RoHS 2011/65 EU Compliant

EN50575:2014 REACTION TO FIRE CLASS Dca-s1,d1,a1

Application: Lan Cable

Construction Characteristics:

Conductor	Material	Solid Bare Copper
	Size	23AWG X 4P
	Construction	1/0.57+/-0.005mm
Insulation	Material	HDPE
	Min.Thickness	0.200mm
	AVG.Thickness	0.220mm
	Diameter	1.03+/-0.1mm
	Colors	Blue- White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Separator	Material	PE
Jacket	Material	LSZH
	Min.Thickness	0.54mm
	AVG.Thickness	0.60mm
	Diameter	6.20+/-0.40mm
	Rip Cord	Nylon
	Color	Per request
Bend radius	Min 20D/125mm	

Electrical & Physical Characteristics:

Operating Temperature Range	- 20°C + 75°C		
Minimum installation temperature	0°C + 40°C		
Conductor Resistance	Max 72.2ohm/km at 20°C		
Dielectric Strength	Min AC1.5KV		
Spark Test	5.0KV		
Rated Voltage	Max 300Volts		
DC Resisitance Unbalance	Max 5%		
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km		
Characteristic Impedance	100+/-15OHM		
Nominal Velocity of Propagation(%)	67~69		
Propagation Delay	Max 536ns/100m		
Delay Skew	Max 40ns/100m		
Marking:			
STRUCTURED CABLE PRODUCTS --- HNCPROPLUS FOR CAT6 --- HDBASET ENHANCED 550MHZ UTP ANSI/TIA-568.2-D ISO/IEC 11801 CLASS E 4PR 23AWG SOL BC - LSZH JKT EN50575:2014 CE Dca EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***M			
Packaging:			
Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
14.5kgs/31.967lbs	400X290X400	1000FT/Box	36/24

Performance

ITEM Frequency	Attenuation Max (dB)	NEXT Min (dB)	PS NEXT Min (dB)	ACR Min (dB)	RL Min (dB)	ELFEXT Min (dB)	PS ELFEXT Min (dB)	PSACR Min (dB)
1	2	74.3	72.3	72.3	20	67.8	64.8	70.3
4	3.8	65.3	63.3	61.5	23	55.8	52.8	59.5
8	5.3	60.8	58.8	55.5	24.5	49.7	46.7	53.5
10	6	59.3	57.3	53.3	25	47.8	44.8	51.3
16	7.6	56.2	54.2	48.6	25	43.7	40.7	46.6
20	8.5	54.8	52.8	46.3	25	41.8	38.8	44.3
25	9.5	53.3	51.3	43.8	24.3	39.8	36.8	41.8
31.25	10.7	51.9	49.9	41.2	23.6	37.9	34.9	39.2
62.5	15.4	47.4	45.4	32	21.5	31.9	28.9	30
100	19.8	44.3	42.3	24.5	20.1	27.8	24.8	22.5
200	29	39.8	37.8	10.8	18	21.8	18.8	8.8
250	32.8	38.3	36.3	5.5	17.3	19.8	16.8	3.5
300	36.4	37.1	35.1	0.7	16.8	18.3	15.3	---
400	43	35.3	33.3	---	15.9	15.8	12.8	---
500	48.9	33.8	31.8	---	15.2	13.8	10.8	---