

SCP PART#: HNCPROPLUS-SH-XX-D

Rev: 01/22

Description:

CAT6 SHIELDED- Dca EUROCLASS- HDBASET ENHANCED 550 MHz
 23 AWG SOLID BC, 4PR, F/UTP, ANSI/TIA 568-2.D, ISO/IEC 11801 CLASS E,
 EN50575:2014 Dca-s3,d2,a3 UL CMR, UV SUN RES PVC JKT
 305M/1000 FT SPOOL

Part Number:

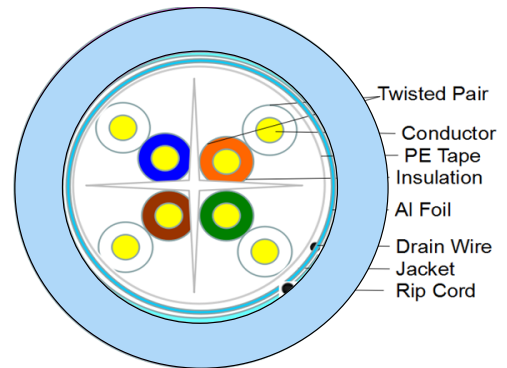
HNCPROPLUS-SH-BL-D
 HNCPROPLUS-SH-PK-D

Jacket Color:

Blue
 Pink

Regulatory

UL 444 ANSI/TIA 568.2-D and ISO/IEC 11801
 Type (UL) CMR or c(UL) FT4
 EU RoHS 2011/65 EU Compliant
 EN50575 REACTION TO FIRE CLASS Dca-s3,d2,a3



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	1.1+/-0.05mm
	Colors	Blue- White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Shield	Wrap	PET tape
	Drain wire TC	1/0.50+/-0.005
	Shield	AL Foil
Jacket	Material	PVC
	Min.Thickness	0.60mm
	AVG.Thickness	0.70mm
	Diameter	7.50+/-0.20mm
	Rip Cord	Nylon
	Color	Blue
Bend Radius		Min 20D/150mm

Electrical & Physical Characteristics:

Operating Temperature Range		- 20°C + 75°C	
Minimum Installation Temperature		0°C + 40°C	
Rated Voltage		Max 300Volts	
Conductor Resistance		Max 72.2ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
Spark Test		5.0KV	
Insulation	Unaged	Tensile Strenth	12.3Mpa
		Elongation	150%
	Aged	Tensile Strenth	9.8Mpa(100°C 168h)
		Elongation	100%(100°C 168h)
Jacket	Unaged	Tensile Strenth	13.8 Mpa
		Elongation	100%
	Aged	Tensile Strenth	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
DC Resitance 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 F/UTP ANSI/TIA-568.2-D
 ISO/IEC 11801 CLASS E E198134 SCP3 (UL) C(UL) CMR 4PR 23AWG SOL BC -- INDOOR/OUTDOOR-SUN RES -- UV-
 PVC JKT EN50575:2014 CE Dca FT4 75C EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXM

Packaging:

Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
21kgs/46.297lbs	380X290X200	1000FT/305M Spool	27

Performance

ITEM	Attenuatio	NEXT Min	PS NEXT	ACR Min	RL Min	ELFEXT	PS	PSACR
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	39.7
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	---

Part Number: Jacket Color:

HNC PROPLUS-6A UTP4-SZH-BL Blue
HNC PROPLUS-6A UTP4-SZH-GN Green
HNC PROPLUS-6A UTP4-SZH-OR Orange
HNC PROPLUS-6A UTP4-SZH-RD Red
HNC PROPLUS-6A UTP4-SZH-WT White