

SCP PART#: HNC-14

Description:

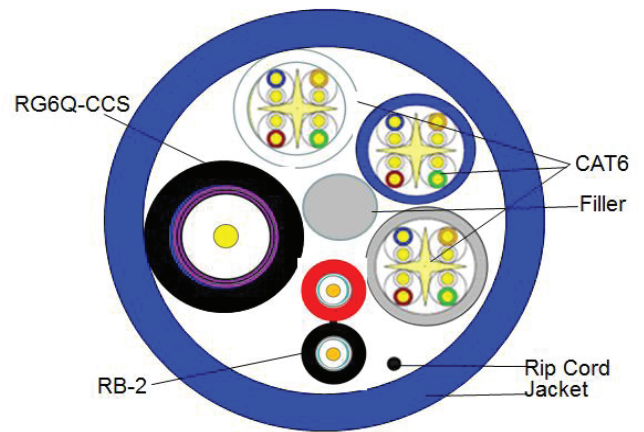
3x [HNCPROPLUS 23 AWG UTP] +
1x [RG6/U QUAD SHIELD COAX CCS] +
1x [RB-2 2C MINI RG59/U, 25 AWG SOLID BC]-
(BUNDLED)- PVC JKT- 500 FT/152M SPOOL- BLUE

Regulatory

UL 444, TIA/EIA 568-C.2 and ISO/IEC 11801 Ed2
Type (UL) CM,CMG or c(UL) FT4
EU RoHS 2011/65 EU Compliant

Application:

BUNDLE CABLE



Construction Characteristics:

Conductor(3XHNCPRO PLUS)	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	1.02+/-0.10mm
	Colors	Blue- White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Jacket	Material	PVC
	Min.Thickness	0.54mm
	AVG.Thickness	0.60mm
	Diameter	6.20+/-0.20mm
	Rip Cord	Nylon
Conductor(1XRG6)	Material	Solid Bare Copper
	Size	18AWG X 1C
	Construction	1/1.02+/-0.004mm
Insulation	Material	FPE
	Min.Thickness	1.60mm
	AVG.Thickness	1.79mm
	Diameter	4.57+/-0.10mm
	Colors	Natural
Shield	Bonded AL-FOIL	Yes
	Braiding-1(0.12+0.005AL wire)	Coverage>60%
	Double AL-Foil	Yes
	Braiding-2(0.12+0.005AL wire)	Coverage>40%
Jacket	Material	PVC
	Min.Thickness	0.75mm
	AVG.Thickness	0.84mm
	Diameter	7.25+/-0.20mm
	Color	Black

Conductor(2XRG59)	Material	Solid Bare Copper
	Size	25AWG X 1C
	Construction	2/0.455+/-0.004mm
Insulation	Material	FPE
	Min.Thickness	0.92mm
	AVG.Thickness	1.02mm
	Diameter	2.5+/-0.10mm
	Colors	Natural
Shield	Bonded AL-FOIL	Yes
	Braiding	96/0.113+0.005 TC
	Coverage	>95%
Jacket	Material	PVC
	Min.Thickness	0.55mm
	AVG.Thickness	0.60mm
	Diameter	(4.0+/-0.10)x(8.2+/-0.20)mm
	Color	Black,Red
Assembly with "8" shape		
FILLED	Material	PP filled
Assembly(3XHNCPROPLUS+1xRG6/U+1XRB-2)		
Jacket	Material	PVC
	Min.Thickness	0.8mm
	AVG.Thickness	0.85mm
	Diameter	20.5+/-1.0mm
	Rip Cord	500D
Colors	Blue	
Bend radius		Min 20D /410mm

Electrical & Physical Characteristics: (CAT6)

Operating Temperature Range		- 20°C +75°C	
Conductor Resistance		Max 72.2ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
Spark Test		5.0KV	
Insulation	Unaged	Tensile Strenght	12.3Mpa
		Elongation	150%
	Aged	Tensile Strenght	9.8Mpa(100°C 168h)
		Elongation	100%(100°C 168h)
Jacket	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Rated Voltage		Max 300Volts	
DC Resisitance Unbalance		Max 5%	
Pair-to-Ground Capacitance Unbalance		Max 330pF/100m	
Nominal Velocity of Propagation(%)		66	
Delay Skew		Max 45ns/100m	

Electrical & Physical Characteristics(RG6)

Operating Temperature Range		- 20°C + 75°C	
Conductor Resistance		Max 25 ohm/kft at 20°C	
Dielectric Strength		Min AC2.0 KV	
Jacket	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

Electrical & Physical Characteristics(RG59)

Operating Temperature Range		- 20°C + 75°C	
Conductor Resistance		Max 111 ohm/km at 20°C	
Dielectric Strength		Min AC2.0 KV	
Jacket	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

Marking:

STRUCTURED CABLE PRODUCTS --- HNC-14 --- E198134 SCP3 (UL) C(UL) CM 3x
HNCPROPLUS FOR CAT6 550MHz 23AWG UTP + 1x RG6/U QUAD SHIELD COAX CCS + 1x RB-2
2C MINI RG59/U 25AWG SOLID BC (BUNDLED) EN50575:2014 PVC CE Eca JKT RoHS
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
56kgs/123.457lbs	550x450x250	500ft/Spool	8

Performance: (CAT6)

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	65.3	62.3	63.3	20	63.8	60.8	60.3
4	4.1	56.3	53.3	52.2	23	51.8	48.8	49.2
8	5.8	51.8	48.8	46	24.5	45.7	42.7	43
10	6.5	50.3	47.3	43.8	25	43.8	40.8	40.8
16	8.2	47.2	44.2	39	25	39.7	36.7	36
20	9.3	45.8	42.8	36.5	25	37.8	34.8	33.5
25	10.4	44.3	41.3	33.9	24.3	35.8	32.8	30.9
31.25	11.7	42.9	39.9	31.2	23.6	33.9	30.9	28.2
62.5	17	38.4	35.4	21.4	21.5	27.8	24.8	18.4
100	22	35.3	32.3	23.3	20.1	23.8	20.8	10.3
155	28.1	32.4	29.4	4.3	18.8	20	17	1.3
200	32.4	30.8	27.8	---	18	1.7	14.7	---
300	41	28.1	25.1	---	16.8	14.2	11.2	---
350	44.9	27.1	24.1	---	16.3	12.9	9.9	---

Performance: (RG6)

ITEM Frequency	Attention MAX DB/100M
5	1.9
50	5.25
200	10.5
400	14.11
700	18.5
1000	22.97
1200	25.5
1800	32
2200	36
2500	39
3000	44.5

Performance:(RG59)

ITEM Frequency	Attention MAX DB/100M
1	0.38
3.6	0.77
10	1.29
71.5	3.04
135	4.18
270	5.92
360	6.7
720	9.47
1000	11.16
1500	13.67
2000	15.78
2250	16.74
3000	19.33