

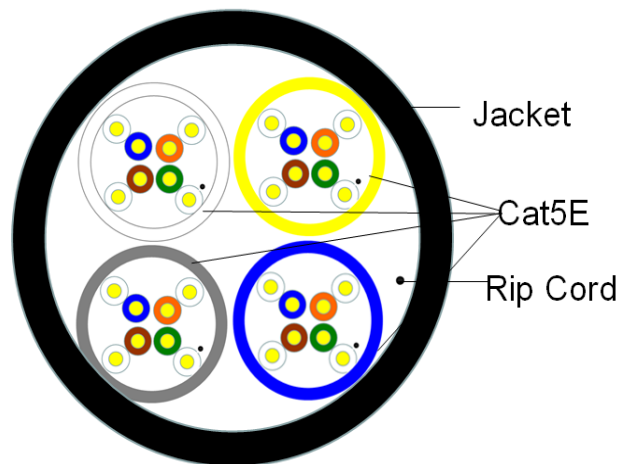
**SCP PART#: HNC-10**

**Description:**

4x CAT5E (HNCPRO) 24 AWG SOLID BC, 4PR,  
 UTP (BUNDLED), EN50575:2014 Eca, UL CM,  
 PVC JKT- BLACK- 500FT/305M SPOOL

**Regulatory**

UL 444, TIA/EIA 568-C.2 and ISO/IEC 11801 Ed2  
 Type (UL) CM,CMG  
 EU RoHS 2011/65 EU Compliant  
 EN50575 2014 REACTION TO FIRE CLASS Eca



**Application: BUNDLE CABLE**

**Construction Characteristics:**

Conductor(CAT5E)	Material	Solid Bare Copper
	Size	24AWG X 4P
	Construction	1/0.50+/-0.004mm
Insulation	Material	HDPE
	Min.Thickness	0.188mm
	AVG.Thickness	0.20mm
	Diameter	0.9+/-0.1mm
	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	5.20+/-0.20mm
	Rip Cord	Nylon
Colors		Blue,Grey, Yellow,White
Assembly(4CAT5e)		
Jacket	Material	PVC
	Min.Thickness	1.05mm
	AVG.Thickness	1.20mm
	Diameter	12.6+/-2.0mm
	Rip Cord	Nylon
Colors		Black
Bend radius	Min 20D/255mm	Min 20D/255mm

**Electrical & Physical Characteristics(CAT5E)**

Operating Temperature Range		- 20°C + 75°C	
Conductor Resistance		Max 93.8 ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
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	

**Marking:**

STRUCTURED CABLE PRODUCTS --- HNC-10 --- E198134 SCP3 (UL) C(UL) CM 4x CAT5E 350MHz 24AWG UTP (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
33.5kgs/73.854lbs	550X250X250	500FT/Spool	12

## 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	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	---