

SCP PART#: HNC-6

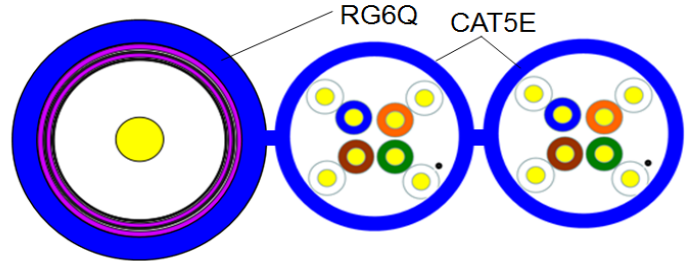
Description

Rev02/22

2x CAT5E 24 AWG UTP + 1x RG6/U QUAD SHIELD COAX BC (TRIAMESE) - 500 FT SPOOL- BLUE

Regulatory

UL 444 ANSI/TIA 568.2-D
 ISO/IEC 11801 Class D
 Type (UL) CM,CMG
 EU RoHS 2011/65 EU Compliant



Application: BUNDLE CABLE

Construction Characteristics:

Conductor (2xCAT5E)	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	0.45mm
	AVG.Thickness	0.50mm
	Diameter	5.10+/-0.20mm
	Rip Cord	Nylon
	Colors	Blue
Conductor (RG6Q)	Material	Bare Copper (BC)
	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
Shield	Colors	Natural
	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
	Colors	Blue
Assembly(1 x RG6Q + 2 x CAT5E) : With "8"		
Overall diameter	(7.25/5.1/5.1)*17.45+/-0.20mm	
Bend radius	Min 20D/145mm	

Electrical & Physical Characteristics:(CAT5E)

Operating Temperature Range	- 20°C + 75°C
Minimum installation temperature	0°C + 40°C
Conductor Resistance	Max 93.8 ohm/km at 20°C
Dielectric Strength	Min AC1.5KV
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:(RG6Q)

Operating Temperature Range		- 20°C + 75°C	
Conductor Resistance		Max 25 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-6 --- E198134 SCP3 (UL) C(UL) CM 2x CAT5E 350MHz 24AWG UTP + 1x RG6/U QUAD SHIELD COAX BC (TRIAMESE) EN50575:2014 CE Eca PVC JKT RoHS ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***FEET

Packaging:

Approx.Weight	Approx.Dimension(mm)
18.7kgs/41.226lbs	500X200X200
Package	Packages per pallet
500ft/Spool	16/20

Performance (Cat5e)

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