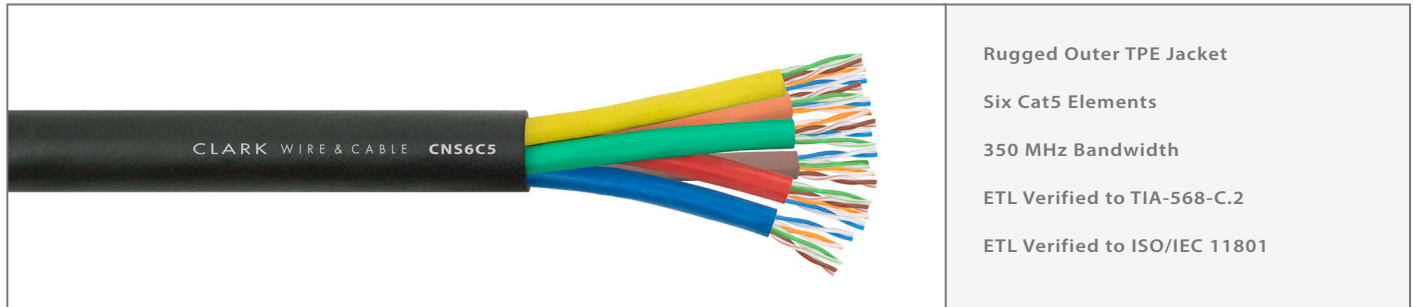


CNS6C5

Six-Channel Category 5 Snake Cable



- Rugged Outer TPE Jacket
- Six Cat5 Elements
- 350 MHz Bandwidth
- ETL Verified to TIA-568-C.2
- ETL Verified to ISO/IEC 11801

Part Number: **CNS6C5**
 Description: **Six-Channel Category 5 Snake Cable**

Materials & Dimensions

Cabled Elements	(6) Cat5 Elements
Cat5 Element: Center Conductor	(8) 24AWG Solid BC (Configured as 4 Pairs) - per CAT5 Element
Cat5 Element: Insulation	Polyethylene
Cat5 Element: Insulation Color Code	Pair 1: Blue & White w/ Blue Stripe Pair 2: Orange & White w/ Orange Stripe Pair 3: Green & White w/ Green Stripe Pair 4: Brown & White w/ Brown Stripe
Cat5 Element: Jacket	PVC, .196"
Overall Jacket	Black TPE
Overall Diameter	.658"

Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Skew	Capacitance	Operating Temperature	Weight
9.38 Ω/100m	5%	100Ω (+/- 15)	40 ms/100m (max.)	5.6 nF/100m (mutual) 330 pF/100m (pair-to-pair ground unbalanced)	-10°C to 60°C	161 lbs/Mft

Frequency (MHz)		1	4	8	10	16	20	25	31.25	62.5	100	155	200	250	300	350
Insertion Loss	max. dB/100m	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17.0	22.0	28.1	32.4	38.9	41.0	44.9
	nom. dB/100m	1.8	3.6	5.1	5.8	7.4	8.2	9.3	10.5	14.9	19.2	24.2	27.3	30.9	34.1	37.8
Return Loss	min. dB/100m	23.0	23.0	24.5	25.0	25.0	24.3	23.6	21.5	20.1	18.8	18.0	17.5	16.8	16.3	
	nom. dB/100m	38.6	39.8	38.2	38.0	37.4	36.8	35.2	33.3	32.2	31.3	29.8	28.5	27.3	25.6	23.2
NEXT	min. dB/100m	70.3	61.2	56.8	55.3	52.3	50.8	49.3	47.9	43.4	40.3	37.4	35.7	34.8	33.1	32.1
	nom. dB/100m	79.4	69.9	61.9	62.4	57.8	56.4	56.3	53.8	49.8	47.5	45.1	43.3	41.4	40.2	39.0
PS-NEXT	min. dB/100m	68.3	59.3	54.8	53.5	50.3	48.8	47.3	45.9	41.4	38.3	35.4	33.7	32.5	31.1	30.1
	nom. dB/100m	76.9	67.4	59.4	59.9	55.2	53.8	53.6	51.1	47.4	45.0	42.6	40.2	39.0	37.7	36.5
ELFEXT	min. dB/100m	63.8	51.7	45.7	43.8	39.7	39.7	35.8	33.9	27.8	23.8	19.9	17.7	17.1	16.7	16.0
	nom. dB/100m	71.3	59.4	53.2	50.5	47.0	45.0	43.3	41.3	35.8	31.3	27.5	24.7	22.2	20.5	19.4
PS-ELFEXT	min. dB/100m	60.8	48.7	42.7	40.8	36.7	34.7	32.8	30.9	24.8	20.8	16.9	14.7	14.0	13.5	12.8
	nom. dB/100m	70.6	58.7	51.1	49.7	45.1	43.6	42.0	40.5	34.5	30.3	26.9	24.5	22.5	20.7	19.6
ACR	min. dB/100m	68.2	57.2	51.0	48.8	43.0	41.5	38.9	36.5	26.4	18.3	10.0	5.0	0.0	-	-
	nom. dB/100m	77.6	66.3	59.8	56.6	53.0	50.5	47.0	43.3	35.0	26.2	20.9	16.0	10.6	6.1	1.2
PS-ACR	min. dB/100m	66.3	55.2	49.0	47.0	42.1	39.5	36.9	34.2	24.4	16.3	7.3	2.0	-	-	-
	nom. dB/100m	75.0	63.5	56.9	53.7	47.4	45.0	43.7	40.0	31.2	24.2	15.9	10.0	4.0	-1.3	-6.4

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