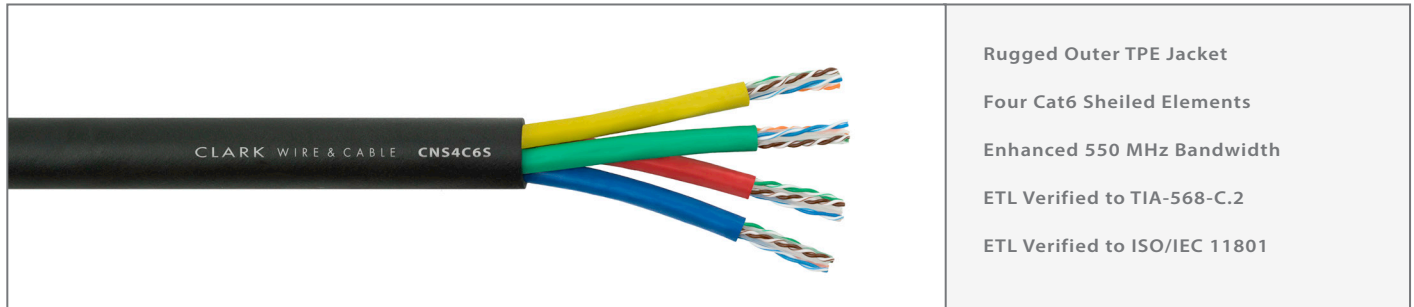


## CNS4C6S

### Four-Channel Category 6 Shielded Snake Cable



- Rugged Outer TPE Jacket
- Four Cat6 Shielded Elements
- Enhanced 550 MHz Bandwidth
- ETL Verified to TIA-568-C.2
- ETL Verified to ISO/IEC 11801

Part Number: **CNS4C6S**  
Description: **Four-Channel Category 6 Shielded Snake Cable**

#### Materials & Dimensions

Cabled Elements	(4) Cat6 Shielded Elements
Cat6 Element: Center Conductor	(8) 23AWG Solid BC (Configured as 4 Pairs) - per CAT6 Element
Cat6 Element: Insulation	Polyethylene, .009" wall
Cat6 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
Cat6 Element: Separator	Cross-Web PVC
Cat6 Element: Shield	100% Foil w/ 26AWG Solid TC Drain Wire
Cat6 Element: Jacket	PVC, .244"
Overall Jacket	Black TPE
Overall Diameter	.785"

#### Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Skew	Capacitance	Weight
9.38 Ω/100m	5%	100Ω (+/- 15)	45 ms/100m (max.)	5.6 nF/100m (mutual) 330 pF/100m (pair-to-pair ground unbalanced)	42 lbs/Mft

Frequency (MHz)	1	4	8	10	16	20	25	31.25	62.5	100	155	200	250	300	350	400	450	500	550
Insertion Loss max. dB/100m	2.0	3.8	5.3	5.9	7.4	8.3	9.3	10.4	14.9	19.0	23.9	27.4	30.8	34.0	37.0	39.7	42.1	44.9	47.3
Return Loss min. dB/100m	20.0	23.6	25.4	26.0	26.0	26.0	25.5	25.0	23.5	22.5	21.6	21.0	20.5	20.1	19.8	19.5	19.2	19.0	18.8
NEXT min. dB/100m	77.3	68.3	63.8	62.3	59.3	57.8	56.3	54.9	50.4	47.3	45.8	42.8	41.3	40.2	39.2	38.3	37.5	36.8	36.2
PS-NEXT min. dB/100m	75.3	66.3	61.8	60.3	57.3	55.8	54.3	52.9	48.4	45.3	43.5	40.8	39.3	38.2	37.2	36.3	35.5	34.8	34.2
ELFEXT min. dB/100m	70.8	58.7	52.7	50.8	46.7	44.7	42.8	40.9	34.8	30.8	27.0	24.7	22.8	21.2	19.9	18.7	17.7	16.8	15.9
PS-ELFEXT min. dB/100m	67.8	55.7	49.7	47.8	43.7	41.7	39.8	37.9	31.8	27.8	23.6	21.7	19.8	18.2	16.9	15.7	14.7	13.8	12.9
ACR min. dB/100m	75.0	64.0	57.7	55.6	50.7	48.2	45.6	42.8	32.9	24.9	21.0	18.4	13.5	9.6	5.2	1.5	-	-	-
PS-ACR min. dB/100m	73.0	62.0	55.7	53.6	48.7	46.2	43.6	40.8	30.9	22.9	21.5	16.4	11.5	5.0	3.2	-	-	-	-