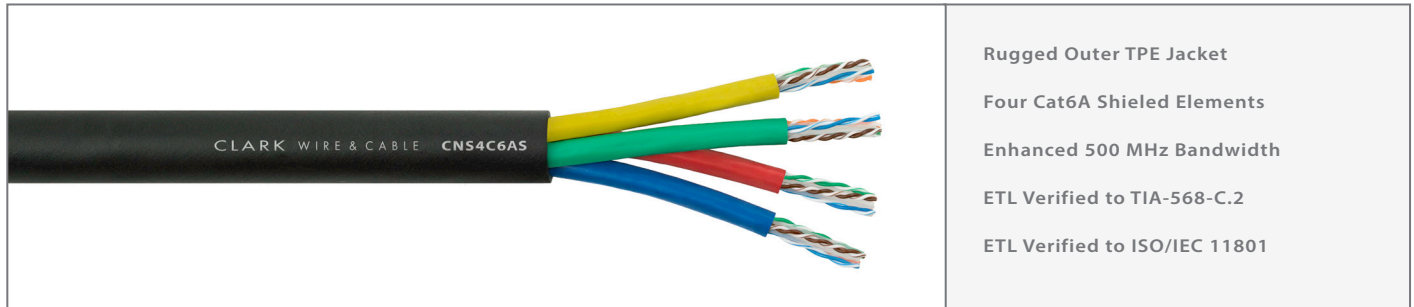


CNS4C6AS

Four-Channel Category 6A Shielded Snake Cable



- Rugged Outer TPE Jacket
- Four Cat6A Shielded Elements
- Enhanced 500 MHz Bandwidth
- ETL Verified to TIA-568-C.2
- ETL Verified to ISO/IEC 11801

Part Number: **CNS4C6AS**
 Description: **Four-Channel Category 6A Shielded Snake Cable**

Materials & Dimensions

Cabled Elements	(4) Cat6A Shielded Elements
Cat6 Element: Center Conductor	(8) 23AWG Solid BC (Configured as 4 Pairs) - per CAT6 Element
Cat6 Element: Insulation	Polyethylene
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/ TC Drain Wire
Cat6 Element: Jacket	PVC, .244"
Overall Jacket	Black TPE
Overall Diameter	.894"

Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Skew	Capacitance	Operating Temperature
9.38 Ω/100m	5%	100Ω (+/- 15)	48 ms/100m (max.)	5.6 nF/100m (mutual) 330 pF/100m (pair-to-pair ground unbalanced)	-20°C to 60°C

Frequency (MHz)		1	4	8	10	16	20	25	31.25	62.5	100	155	200	250	300	350	400	500
Insertion Loss	max. dB/100m	2.0	3.8	5.3	5.9	7.4	8.3	9.3	10.5	14.9	19.1	24.0	27.5	31.0	34.2	37.2	40.0	45.2
Return Loss	min. dB/100m	20.0	23.0	24.5	25.0	25.0	25.0	24.3	23.6	21.5	20.1	18.8	18.0	17.3	16.8	16.3	15.9	15.2
NEXT	min. dB/100m	74.3	65.3	60.8	59.3	56.2	54.8	53.3	51.9	57.4	44.3	41.4	39.8	38.3	37.1	36.1	35.3	33.8
PS-NEXT	min. dB/100m	72.3	63.3	58.8	57.3	54.2	52.8	51.3	49.9	45.4	42.3	39.4	37.8	36.3	35.1	34.1	33.3	31.8
ACRF	min. dB/100m	67.8	52.8	46.7	44.8	40.7	38.8	36.8	34.9	28.9	24.8	21.0	18.8	16.8	15.3	13.9	12.8	10.8
PS-ACRF	min. dB/100m	64.8	52.8	46.7	44.8	40.7	38.8	36.8	34.9	28.9	24.8	21.0	18.8	16.8	15.3	13.9	12.8	10.8
AXT-PS-ANEXT	min. dB/100m	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	65.6	62.5	59.6	58.0	56.5	55.3	54.3	53.5	52.0
AXT-PS-AACRF	min. dB/100m	67.0	66.2	60.1	58.2	54.1	52.2	50.2	48.3	42.3	38.2	34.4	32.2	30.2	28.7	27.3	26.2	24.2

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