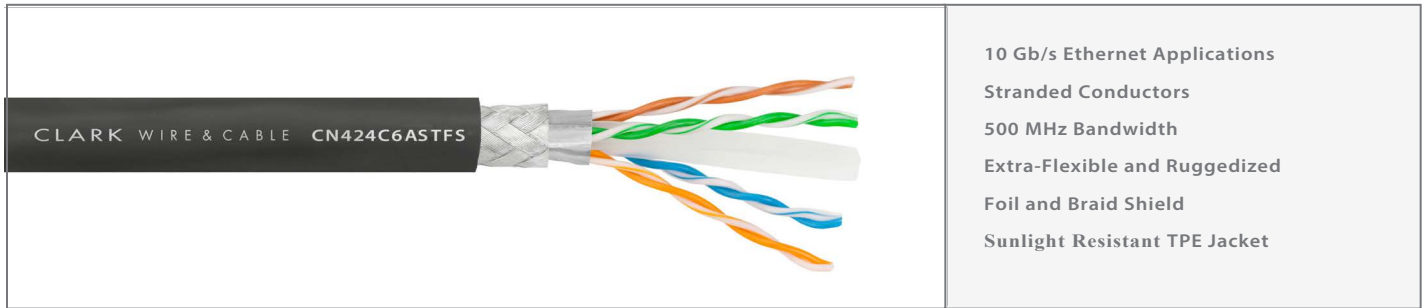


CN424C6ASTFS

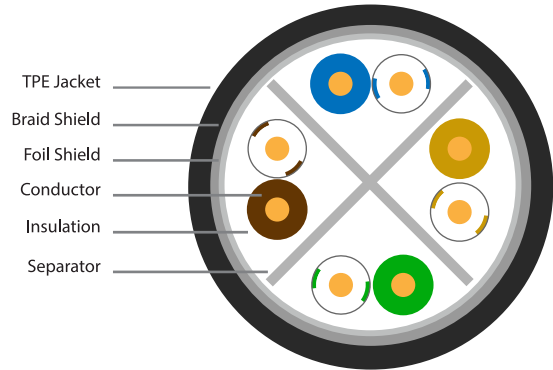
Category 6A 10Gb/s Tactical SF/UTP



Part Number: **CN424C6ASTFS**
Description: Category 6A 10-Gig Tactical SF/UTP Network Cable

Materials & Dimensions

Conductors	(8) 24AWG Stranded (7x32) BC (Configured as 4 Pairs)
Insulation	Polyethylene, .011" wall
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
Separator	Cross-Web PVC
Shield	100% Foil and 80% TC Braid
Jacket	Flexible TPE
Overall Diameter	.325"



Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Capacitance	Operating Temperature	Weight	Agency Listing
23.5 Ω/Mft	3%	100Ω (+/- 15) 1 - 100 MHz 100Ω (+/- 20) 101 - 500 MHz	13.5 pF/ft (mutual)	-40°C to 75°C -20 per UL 444 Cold Bend	52 lbs/Mft	TIA/EIA 568.2.D - CAT6A

Frequency (MHz)	1	4	8	10	16	20	25	31.25	62.5	100	200	300	400	500	
Insertion Loss	max. dB/100m	2.1	3.8	5.3	5.9	7.5	8.4	9.4	10.5	15.0	19.1	27.6	34.3	40.1	45.3
Return Loss	min. dB/100m	20.0	23.0	24.5	25.0	25.0	24.3	23.6	21.5	20.1	18.0	16.8	15.9	15.2	
NEXT	min. dB/100m	74.3	65.3	60.8	59.3	56.2	54.8	53.3	51.9	47.4	44.3	39.8	37.1	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	37.8	35.1	33.1	31.8
ELFEXT	min. dB/100m	67.8	55.8	49.7	47.8	43.7	41.8	39.8	37.9	31.9	27.8	21.8	18.3	15.8	13.8
PS-ELFEXT	min. dB/100m	64.8	52.8	46.7	44.8	40.7	38.8	36.8	34.9	28.9	24.8	18.8	15.3	12.8	10.8
DELAY	ns/100m	570	552	547	545	543	542	541	540	539	538	537	536	536	536