

WIREFATH

BULK WIRE

SP-RG6-CAT6-500-BLK

Features: CAT6

- 23 AWG 4 Conductor Cat 6 Wire, CMG
- Unshielded twister pair, Solid bare copper conductors
- Sweep frequency up to 550 MHz

Features: RG6Q

- 18 AWG, CMG Rated RG6 Quad Shielded Coax Cable
- Copper Clad Steel conductor

Application

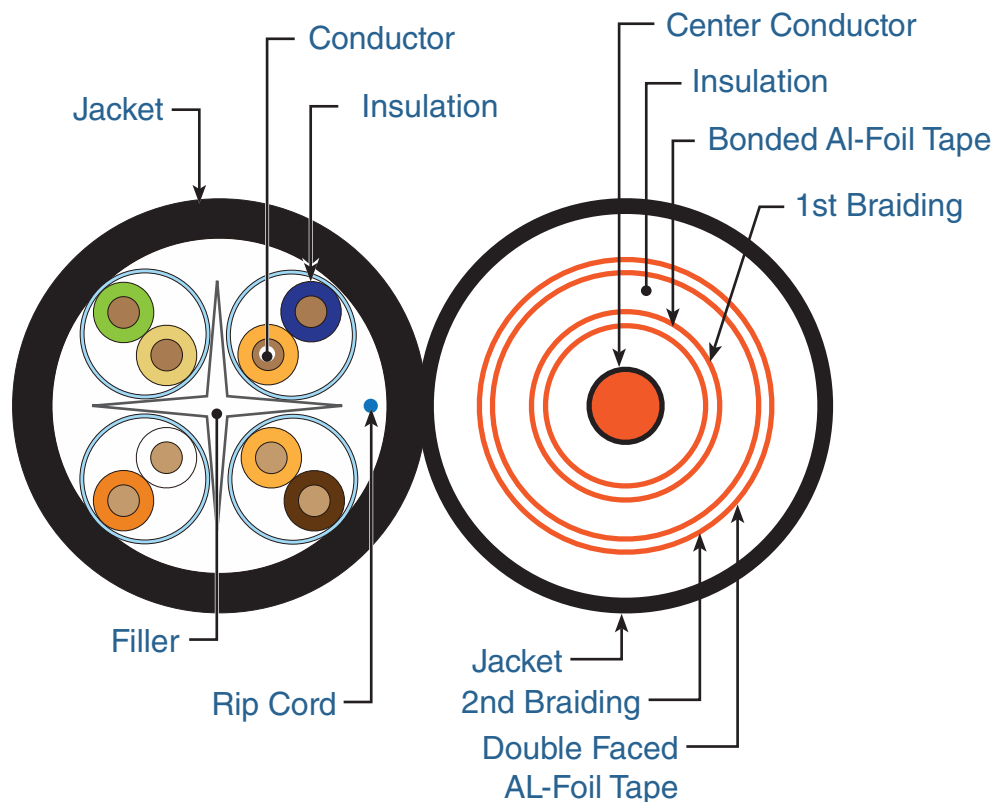
- Satellite Installations
- CATV and HDTV
- Communications Circuits
- LAN/Network cable
 - Digital and analog transmission for data, video, audio, and phone
 - CDDI / ATM / Token Ring
 - IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)

Flame Test

- FT4 Rated
- UL 1685 (CM/CMG)

Applicable Standards

- UL Listed
- CMG Rated
- RoHS Compliant
- ANSI/TIA-568-C.2 (2009)
 - ISO/IEC 11801 (Edition 2.2)
 - IEC 61156-5 (Edition 2.0)
- NEC/(UL)
- NEC Articles 800
- CEC/(UL)



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Material and Construction		
	RG6Q	CAT6
Conductor Material	Copper Clad Steel	Solid Bare Copper
AWG	18	23
Insulation Material	F/PE	HDPE
Diameter	4.57 mm	1.03 mm
Screen		N/A
Bonded AL-Mylar Shield	≥ 125%	N/A
Braid Shield	16 × 5/0.12 mm (≥ 60%)	N/A
Double Bonded AL-Mylar Shield	≥ 125%	N/A
Braid Shield	16 × 4/0.12 mm (≥ 40%)	N/A
Rip Cord	N/A	150 D
Jacket	PVC	
Nom. Thickness	1.0 mm	0.58 mm ± 0.1 mm
Min. Thickness	0.80 mm	N/A
Outer Diameter	7.25 ± 0.15 mm	6.2 ± 0.2 mm
Printing Legends: WIREFATH™ BULK WIRE BY SNAPAV COMBO (RG6 QUADSHIELD 18AWG)+(CAT6 23AWG 4 PAIRU/UTP) E325177-XX c(UL)us CMG 1*18AWG+4P*23AWG 75C RoHS DDMMYY 000/500 FT		

Color & Packaging	
Outer Jacket	Black
Packaging	500ft on Spool
Dimensions (mm)	380 mm × 380 mm × 270 mm
Weight(lbs)	34

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Electrical Characteristics (CAT6 UTP)

Freq. (Mhz)	RL (dB)	Atten. (dB/100m)	Next (dB)	Dop (ns/100m)	Freq. (Mhz)	PsNext (dB)	EIFext dB/100m	PsEIFext (dB/100m)
1	20	2.04	74.29	570	1	72.29	67.79	64.79
4	23.01	3.78	65.26	552	4	63.26	55.75	52.75
8	24.51	5.32	60.75	546.72	8	58.75	49.73	46.73
10	25	5.95	59.29	545.38	10	57.29	47.79	44.79
16	25	7.55	56.23	543	16	54.23	43.71	40.71
20	25	8.47	54.78	542.04	20	52.78	41.77	38.77
25	24.32	9.51	53.33	541.20	25	51.33	39.84	36.84
31.25	23.64	10.67	51.87	540.43	31.25	49.87	37.9	34.9
50	22.21	13.66	48.81	539.09	50	46.81	33.82	30.82
62.5	21.53	15.38	47.36	538.55	62.5	45.36	31.88	28.88
100	20.10	19.8	44.30	537.60	100	42.29	27.79	24.79
125	19.42	22.35	32.84	537.21	125	40.84	25.86	22.86
200	18.00	28.98	39.78	536.54	200	37.78	21.77	18.77
250	17.32	32.85	38.33	536.27	250	36.33	19.84	16.84
450	15.50	46.00	34.50	535.70	450	32.5	14.70	11.70
550	14.90	51.80	33.20	535.50	550	31.2	13.00	10