

WIREFATH

BULK WIRE

SP-2XCAT6-RG6-500-GRN

Features: CAT6

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

Features: RG6

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

Application

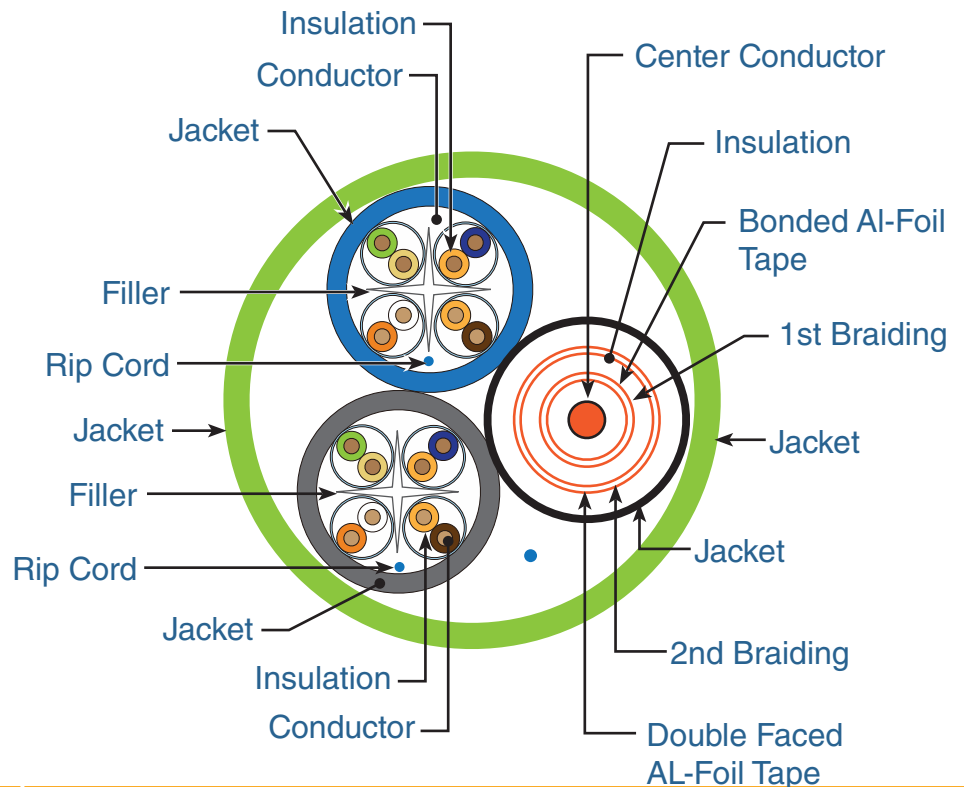
- Satellite Installations
- CATV and HDTV
- Communications Circuits
- LAN/Network cable
 - Digital and analog transmission for data, video, audio, and phone
 - CDDI / ATM / Token Ring
 - IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)

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	2 X CAT6
Conductor Material	Copper Clad Steel	Solid Bare Copper
AWG	18	23
Insulation Material	F/PE	HDPE
Diameter	4.57 mm	1.03 mm
Shield		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	0.5 mm ± 0.1 mm
Outer Diameter	7.25 ± 0.15 mm	6.25 ± 0.2 mm
Components A & B Combined		
Rip Cord	210D × 6 Nylon Thread	
Jacket	PVC	
Nom. Thickness	0.85 ± 0.15 mm	
Outer Diameter	17.5 mm	
Printing Legends: WIREFATH™ BULK WIRE BY SNAPAV COMBO 1X(RG6Q 18AWG)+2X(CAT6 23AWG 4 PAIR U/UTP)E325177-XX c(UL)us CMG 1*18AWG + 2*4P*23AWG FT4 75C RoHS DDMMYY 000/500 FT		

Color & Packaging		
Component A (RG6Q)	Black	Pantone Black
Component B (CAT 6)	Blue	Pantone 291C
	Gray	Pantone 422C
Outer Jacket	Green Pantone 353C	
Packaging	500ft on Spool	
Dimensions (mm)	550 mm × 550mm × 420 mm	
Weight(lbs)	86	

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Electrical Characteristics (CAT6 UTP)

Freq. (Mhz)	RL (dB)	Atten. (dB/100m)	Next (dB)	PsNext (dB)	EIFext dB/100m	PsEIFext (dB/100m)	Dop (ns/100m)	ACR (Db Min)
1	20	2	74.3	72.3	67.8	64.8	570	72.3
4	23	3.8	65.3	63.3	55.8	52.8	552	61.5
8	24.5	5.3	60.8	58.8	49.7	46.7	546.7	55.5
10	25	6	59.3	57.3	47.8	44.8	545.4	53.3
16	25	7.6	56.2	54.2	43.7	40.7	543	48.6
20	25	8.5	54.8	52.8	41.8	38.8	542	45.9
25	24.3	9.5	53.3	51.3	39.8	36.8	541.2	43.8
31.25	23.6	10.7	51.9	49.9	37.9	34.9	540.4	41.2
62.5	21.5	15.4	47.4	45.4	31.9	28.9	538.6	32
100	20.1	19.8	44.3	42.3	27.8	24.8	537.6	20.5
200	18	29	39.8	37.8	21.8	18.8	536.5	10.8
250	17.3	32.9	38.3	36.3	19.8	16.8	536.3	5.5
450	15.5	46	34.5	32.5	14.7	11.7	535.7	–
550	14.9	51.8	33.2	31.2	13.0	10	535.6	–