

WIREFATH

BULK WIRE

SP-2X-CAT6RG6-500

(2) RG-6QS/CCS + (2) Cat 6 550mhz

Features

- 550mhz (Cat 6)
- Quad Shield
- CCS Core
- Swept to 3gz (RG-6QS)

Application

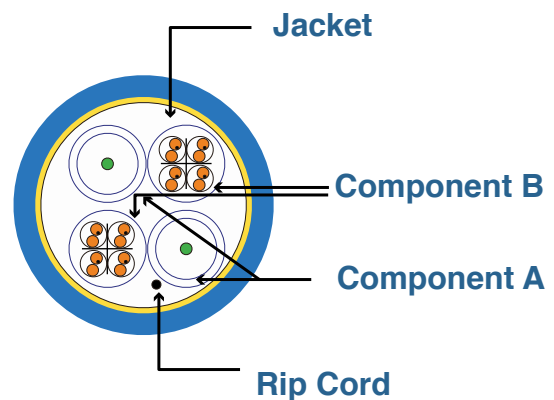
- Telephone and other communication circuits such as voice, data and audio for on-premise customer systems.
- Phone/Cable TV
- LAN/Network Cable

Flame Test

- UL 1685 (CM Test)
- c(UL) Flame Test FT4

Applicable Standards

- NEC/(UL) Specifications CM
- NEC Articles 800
- CEC/(UL) Specifications CM



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Material and Construction		
Components A: 2XRG6 Quad Shield		
Conductors	Copper Clad Steel (CCS)	
AWG	18	
Construction	1/1.02mm	
Insulation	F/PE	
	Diameter	4.57mm
Screen	Bonded Al-Mylar shield	> 125%
	Braid Shield	16*4/0.16mm (> 60%)
	Double Faced Al-mylar shield	> 125%
	Braid Shield	16*3/0.16mm (> 40%)
Jacket	PVC	
	Nom. thickness:	1.0mm
	Min. thickness:	0.80mm
	Out Dia.	7.25 ± 0.15mm
Components B: 2 X CAT 6 UTP		
Conductors	Solid bare copper	
AWG	23	
Construction	1/0.57mm	
Insulation	HDPE	
Diameter	1.03mm	
Screen	None	
Rip Cord	Nylon (150D)	
Jacket	PVC	
Nom. Thickness	0.55mm ± 0.1mm	
Diameter	6.25 ± 0.2mm	
Components A & B Combined Together		
Rip Cord	210D X 6 nylon thread	
Jacket	PVC	
	Norm thickness	0.9mm ± 0.15mm
	Outer Dia.	17.8mm
Marking	WIREPATH™ BULK WIRE BY SNAPAV 2X-CAT6RG6 (2) RG-6QS CCS CENTER + (2) CAT 6 550MHZ E325177-HY (UL) or c(UL) CMG FT4 75C "ROHS" DDMMYY XXX/XXX FT	

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Color and Packaging	
Component A (RG6Q)	White & Black
Component B (Cat6 UTP)	Blue & Gray
Outer Jacket	Gray: Pantone 403U
Packaging	500ft on Spool
Dimensions (in)	21.7" x 16.5" x 21.7"
Dimensions (mm)	550mm x 420mm x 550mm
Weight (lbs)	97

Material and Construction								
Frequency (MHz)	RL	Atten.	NEXT	PsNext	ElFext	PsElFext	Dop	ACR
	dB	dB/100m	dB	(dB)	(dB/100m)	(dB/100m)	(ns/100m)	(Db) Min
1	20.00	2.0	74.3	72.3	67.8	64.8	570.0	72.3
4	23.0	3.8	65.3	63.3	55.8	52.8	552.0	61.5
8	24.5	5.3	60.8	58.8	49.7	46.7	546.7	55.5
10	25.00	6.0	59.3	57.3	47.8	44.8	545.4	53.3
16	25.00	7.6	56.2	54.2	43.7	40.7	543.0	48.6
20	25.00	8.5	54.8	52.8	41.8	38.8	542.0	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	32.0
100	20.1	19.8	44.3	42.3	27.8	24.8	537.6	20.5
200	18.0	29.0	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	46.0	34.5	32.5	14.7	11.7	535.7	-
550	14.9	51.8	33.2	31.2	13.0	10.0	535.6	-

Values above 250MHz are for information only.