

# WIREFATH

## BULK WIRE

### NST-RG59DC-500-XXX

20AWG, RG59DC, CMG

#### Features

- CMG Rated RG59DC Coax Cable
- Bare Copper conductor
- Reel coiled with REELEX technology to ensure tangle-free pull
- Nest in box packaging

#### Application

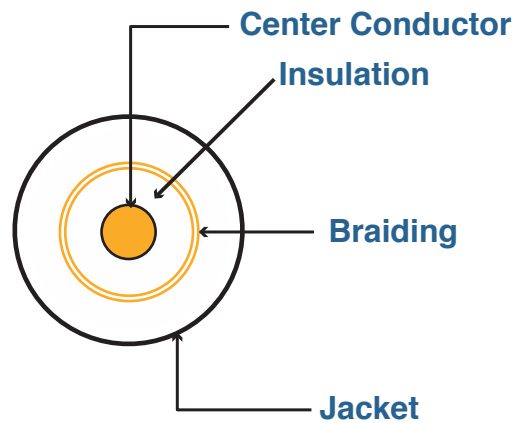
- Satellite Installations
- CATV and HDTV
- Communications Circuits

#### Flame Test

- C(UL) Flame Test FT4

#### Applicable Standards

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



#### Usage & Environmental Condition

Temperature Range	Storage & shipping	-20°C to 75°C
	Installation	0°C to 60°C
	Operation	75°C

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Material and Construction		
Construction	Conductor	Bare Copper
	AWG	20
	Diameter	0.813mm
Insulation	Material	Foam PE (Polyethylene)
	Thickness (mm)	1.78mm
	Insulation Diameter (mm)	3.66 +/- 0.08mm
	Color	As ordered
Shielding	1st Braiding	Bare Copper Wire (95% Coverage)
	Construction	16*7/0.16mm
Jacket	Material	PVC (Polyvinyl Chloride)
	Nominal	0.80mm +/- 0.15
	Minimum Thickness(mm)	0.7mm
	Cable Dia. (mm)	6.0 +/- 0.1

Physical & Electrical Characteristics (at 20°C)	
Cable cold bend	-20°C for 4 hr
Impedence (ohms)	75 +/- 3Ω
Capacitance (PF/m)	53.1
Conditional DCR at 20° C (ohms/km)	≤33.9Ω
Velocity of propagation	≥82

Electrical Performance Characteristics	
Frequency (MHz)	Attenuation (db/100m)
1	0.79
10	2.5
100	9.05
400	19.76