

WIREFATH

BULK WIRE

NST-RG6Q-500-XXX

18AWG, RG6Q, CMG

Features

- CMG Rated RG6 Quad Shielded Coax Cable
- Copper Clad Steel conductor
- Reel coiled with REELEX technology to ensure tangle-free pull
- Nest in box packaging

Application

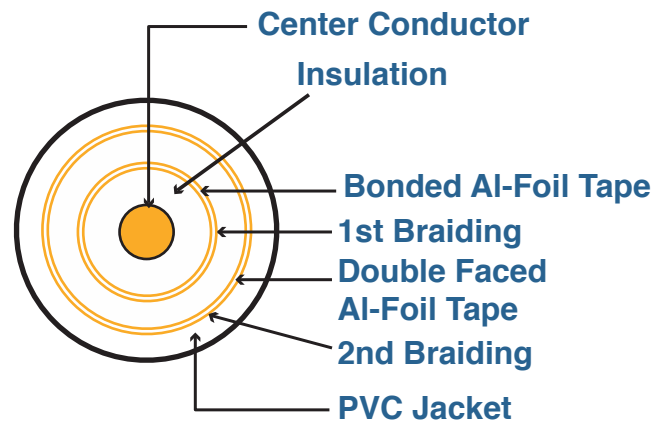
- Satellite Installations
- CATV and HDTV
- Communications Circuits

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 |

| Material and Construction | | |
|---------------------------|------------------------------|---|
| Construction | Conductor | Copper Clad Steel |
| | AWG | 18 |
| | Diameter | 1.02mm |
| Insulation | Material | Foam PE (Polyethylene) |
| | Thickness (mm) | 1.78mm |
| | Insulation Diameter (mm) | 4.57 +/- 0.08mm |
| | Color | As ordered |
| Shielding | Bonded AL-Mylar Shield | ≥ 25% |
| | 1st Braiding | Aluminium Wire (60% Coverage) |
| | Construction | 16*5/0.12mm |
| | Double Faced AL-Mylar Shield | ≥ 25% |
| | 2nd Braiding | Aluminium Wire (40% Coverage) |
| | Construction | 16*4/0.12mm |
| Jacket | Material | PVC (Polyvinyl Chloride) |
| | Nominal | 0.90mm +/- 0.15 |
| | Minimum Thickness(mm) | 0.750mm |
| | Cable Dia. (mm) | 7.25 +/- 0.2 |
| | Marking | Wirepath™ Bulk Wire by SNAP ONE, E325177-HY (UL) C(UL) CMG, RG6/U 3GHz QUAD SHIELD CCS 18 AWG 75C, IEC 60332-1-2 EN50399 EN50575:2014 CE EU DDMMYY, 000/500 FT ~~~ XXX/XXX FT |

| Physical & Electrical Characteristics (at 20°C) | |
|---|----------------|
| Cable cold bend | -20°C for 4 hr |
| Impedence (ohms) | 75 +/- 3Ω |
| Capacitance (PF/m) | 54 |
| Conditional DCR at 20° C (ohms/km) | ≤119Ω |
| Velocity of propagation | ≥82 |

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| Electrical Performance Characteristics | |
|--|-----------------------|
| Frequency (MHz) | Attenuation (db/100m) |
| 5 | 1.87 |
| 50 | 4.79 |
| 200 | 9.28 |
| 400 | 13.28 |
| 700 | 18.36 |
| 1000 | 21.61 |
| 1200 | 24.59 |
| 1800 | 28.98 |
| 2200 | 32.03 |
| 2500 | 36.47 |
| 3000 | 39.54 |