

PRODUCT SPECIFICATIONS

RG6Q-BC



Description: 18AWG solid bare copperweld quad shield RG6/U 75Ohm coaxial cable
Ratings/Approvals: NEC Article 800 & 820, UL Subject 444 & 1581, Type CM/CATV, C(ETL)US, RoHS Compliant
Applications: Video Display, Point-Of-Sale Terminals, Local Area Network Controls, and CATV Broadcast Applications, Swept to 3.0 GHz.

CONSTRUCTION

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| Conductor: | 18 AWG Bare Copperweld |
| Stranding: | Solid |
| Dielectric Material: | Cellular Polyethylene |
| Dielectric Core Diameter: | 0.180 in. (4.572 mm.) Nominal |
| 1st Shield: | Coaxial Shielding Tape (100% Coverage) |
| 2nd Shield: | Aluminum Braid |
| 3rd Shield: | Coaxial Shielding Tape (100% Coverage) |
| 4th Shield: | Aluminum Braid |
| Jacket Material: | Polyvinyl Chloride |
| Overall Cable Diameter: | 0.300 in. (7.620 mm.) Nominal |
| Approx Cable Weight /1,000 ft.: | 32 lbs. |

ELECTRICAL & PHYSICAL PROPERTIES

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|--------------------------------|--------------------|--------------------|
| Capacitance: | 16.2pF/ft Nominal | |
| Velocity of propagation: | 84% Nominal | |
| Characteristic Impedance: | 75Ω Nominal | |
| Nominal attenuation per 100ft: | 1.46 dB @ 50 MHz | 7.50 dB @ 1200 MHz |
| | 2.05 dB @ 100 MHz | 8.50 dB @ 1450 MHz |
| | 2.83 dB @ 200 MHz | 9.50 dB @ 2200 MHz |
| | 6.88 dB @ 1000 MHz | 12.0 dB @ 3000 MHz |
| Temperature Rating: | -10°C to 60°C | |