



# RG6Q

# PRODUCT SPECIFICATIONS

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

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## CONSTRUCTION

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.

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## ELECTRICAL & PHYSICAL PROPERTIES

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