



# PRODUCT SPECIFICATIONS

**CONVERGENT  
CONNECTIVITY  
TECHNOLOGY**

**5409**



**Description:** 14AWG solid bare copperweld RG11/U 75Ohm triax 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

## CONSTRUCTION

Conductor: 14 AWG Bare Copperweld

Stranding: Solid

Dielectric Material: Cellular Polyethylene

Dielectric Core Diameter: 0.285 in. (7.239 mm.) Nominal

1st Shield: Coaxial Shielding Tape (100% Coverage)

2nd Shield: Aluminum Braid

3rd Shield: Aluminum/Polyester Tape (100% Coverage)

Jacket Material: Polyvinyl Chloride

Overall Cable Diameter: 0.395 in. (10.033 mm.) Nominal

Approx Cable Weight /1,000 ft.: 57 lbs.

## ELECTRICAL & PHYSICAL PROPERTIES

Capacitance: 17.3pF/ft Nominal

Velocity of propagation: 78% Nominal

Characteristic Impedance: 75Ω Nominal

Nominal attenuation per 100ft: 1.51 dB @ 50 MHz      1.67 dB @ 100 MHz  
1.81 dB @ 200 MHz      5.58 dB @ 1000 MHz  
15.15 dB @ 3000 MHz

Temperature Rating: -10°C to 60°C

Issue Date: November '09

**THE STRONGEST LINK IN YOUR SUPPLY CHAIN**

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