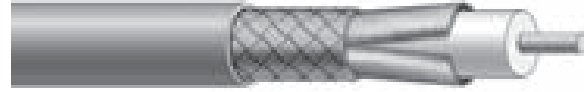




PRODUCT SPECIFICATIONS

**CONVERGENT
CONNECTIVITY
TECHNOLOGY**

5207



Description: 18AWG solid bare copperweld 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

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, 90% Nominal Coverage

Jacket Material: Polyvinyl Chloride

Overall Cable Diameter: 0.270 in. (6.858 mm.) Nominal

Approx Cable Weight /1,000 ft.: 32 lbs.

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

Issue Date: January '10

THE STRONGEST LINK IN YOUR SUPPLY CHAIN



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