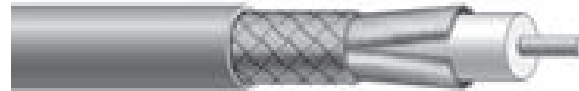




PRODUCT SPECIFICATIONS

CONVERGENT
CONNECTIVITY
TECHNOLOGY

5407



Description: 14AWG Solid Bare Copper RG-11/U 75 Ohm Non-Plenum coaxial cable
Ratings/Approvals: NEC Article 800, UL Subject 444, Type CMR, C(ETL)US, RoHS Compliant
Applications: Computers, Broadcast, and CATV

CONSTRUCTION

Conductor: 14 AWG Bare Copper
 Conductor Diameter: 0.0641 in. (1.6268 mm) Nominal
 Stranding: Solid
 Dielectric Material: Foam PE
 Dielectric Core Diameter: 0.280 in. (7.112 mm.) Nominal
 Foil Shield: Aluminum/Polyester Tape (100% Coverage)
 Braid Shield: 95% Tin Copper
 Diameter over Braid Shield: 0.311 in. (8.052 mm) Nominal
 Jacket Material: Polyvinyl Chloride
 Jacket Thickness: 0.040 in. (1.016 mm) Nominal
 Overall Cable Diameter: 0.395 in. (10.033 mm.) ± .006 in. Nominal
 Approx Cable Weight /1,000 ft.: 79 lbs.

ELECTRICAL & PHYSICAL PROPERTIES

Capacitance: 16.0 pF/ft (52.5 pF/m) Nominal
 Velocity of Propagation: 82% Nominal
 Characteristic Impedance: 75Ω ± 3Ω Nominal
 Dielectric Strength (Cond. To Shield): 4000 Vdc
 Jacket Spark Test Voltage: 5000 Vdc
 Conductor DC Resistance: 2.6Ω/kft
 Nominal Attenuation per 100m:
 0.33 dB @ 1 MHz 7.90 dB @ 360 MHz
 0.98 dB @ 3.6 MHz 11.41 dB @ 720 MHz
 1.48 dB @ 10 MHz 12.96 dB @ 1000 MHz
 3.67 dB @ 71.5 MHz 16.66 dB @ 1450 MHz
 4.89 dB @ 135 MHz 20.63 dB @ 2200 MHz
 6.89 dB @ 270 MHz 21.75 dB @ 2400 MHz
 24.93 dB @ 3000 MHz
 Structural Return Loss: 20 dB @ 10-1500 MHz
 15 dB @ 1500-3000 MHz
 Structural Return Loss Test Method: 100% Swept Tested
 Temperature Rating: -40°C to +75°C

Issue Date: January '11

THE STRONGEST LINK IN YOUR SUPPLY CHAIN

RoHS



Revision: 0

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