



PRODUCT SPECIFICATIONS

**CONVERGENT
CONNECTIVITY
TECHNOLOGY**

5702

Description: 20AWG solid bare copper RG-59/U 75Ohm coaxial cable
Ratings/Approvals: NEC Article 800, UL Subject 444 , Type CM, C(ETL)US, RoHS Compliant
Applications: HDTV, DTV, SDI (Serial Digital Interface), Digital Video, Installed Indoors

CONSTRUCTION

Conductor:	20 AWG Bare Copper
Stranding:	Solid
Dielectric Material:	Cellular Polyethylene
Dielectric Core Diameter:	0.142 in. (3.606 mm.) Nominal
1st Shield:	Aluminum/Polyester Tape (100% Coverage)
Braid:	Tin Copper
Jacket Material:	Black Polyvinyl Chloride
Overall Cable Diameter:	0.232 in. (5.892 mm.) Nominal

ELECTRICAL & PHYSICAL PROPERTIES

Capacitance:	16.2pF/ft Nominal	
Velocity of propagation:	83% Nominal	
Characteristic Impedance:	75Ω Nominal	
Nominal attenuation per 100ft:	0.28 dB @ 1 MHz 0.66 dB @ 10 MHz 2.53 dB @ 135 MHz 3.79 dB @ 270 MHz 5.27 dB @ 540 MHz	6.23 dB @ 720 MHz 7.49 dB @ 1000 MHz 9.16 dB @ 1500 MHz 11.99 dB @ 2500 MHz 13.23 dB @ 3000 MHz
Temperature Rating:	-20°C to 60°C	

Issue Date: April '10 Revision: 0

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