RG59/U 20/1C BRAIDED PLENUM

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GENERAL INFO

To meet the needs of today's sophisticated, high-speed, wide bandwidth electronics over long distances, with minimum signal loss or degradation, General Cable Carol® Brand offers a wide range of coaxial and twinaxial designs in both unbalanced arrays and precision-balanced pairs.

This offers the system designer a wide choice of cost-effective products that reflect the most recent changes in the standards set by UL, CSA and/or the FCC. Included in this section are recommended Carol Brand coaxial products for the CATV market. However, these constructions may differ in certain parts of the country. Unlike other products in the electronic market, coaxial cable does not have one accepted standard construction. General Cable recommends, in order to avoid installing an unacceptable coaxial cable for the CATV application in your area, the local CATV company should be consulted.

General Cable's Carol Brand product mix encompasses standard RG/U-type coaxial constructions in the more popular 50, 75 and 93 ohm designs and miniature coaxial products for smaller high-speed applications. The twin-axial products meet or exceed the stringent demands of today's precision-balanced pair systems. The minimization of capacitance unbalance is a necessary requirement for long distance data transmission.

PRODUCT RANGE GENERAL INFORMATION

Conductor material	
Nominal voltage U [V]	300
Oil resistant	

STANDARDS AND APPROVALS

ITEM DETAILS

AWG / Kcmil	20
Conductor category	Class 1 = solid
Nominal outer diameter [inch]	0.197

APPLICATION PROPERTIES

Product name	RG59/U 20/1C BRAIDED PLENUM
Conductor resistance at operation temperature [mOhm/ft]	
Nominal thickness insulation [inch]	0.139
Nominal outer diameter [inch]	0.197
Nominal operation capacitance [pF/ft]	
Screen DC resistance [mOhm/ft]	2.7
Nominal thickness insulation [mm]	3.43
Nominal outer diameter [mm]	5