



## RG174

MIL-C-17 50 Ohm Coaxial

### Physical Characteristics

Conductor:	Tinned Copper
Size:	7/0.16mm
Dielectric:	Solid PE [Ø1.52mm]
Screening:	84% Tinned Copper Wire Braid
Outer Sheath:	Non-Migrating PVC
Sheath Colours	Black Ø2.60
Weight	12kg/KM

### Electrical Characteristics

Inner Conductor DC Resistance	<330 [ $\Omega$ /km]
Outer Conductor DC Resistance	<45 [ $\Omega$ /km]
Rated Temperature	105°C
Rated Voltage	300V
Insulation Resistance	>200 [M $\Omega$ /km]
Nominal Capacitance	<105pF/M [ $\pm$ 10%]
Velocity Ratio	66.7%
Nominal Impedance	50 $\Omega$

### Attenuation

@20°C (dB/100M)

10MHz	10.5
100MHz	27.5
200MHz	41.0
470MHz	61.6