


N105 RG174 COAXIAL CABLE	
	
Inner Conductor	7/0.16±0.01 mm BC
Dielectric	LDPE, 1.52±0.12 mm OD
Dielectric thickness	0.64 mm nom. 0.42 mm min.
Outer Conductor	Single braid, 85% min. coverage, 16x4x0.1 mm bareal TC wires, 1.9±0.1 mm nom. OD.
Outer Jacket	BLACK RoHS-PVC compound,
Outer Jacket color	Black
Jacket thickness	0.6 mm nom. 0.32 mm min.
Overall Diameter	2.85±0.15 mm.
Surface Marking	RG174/U 50 OHM COAXIAL CABLE 100M---001M
<b>Electrical &amp; Transmission Properties @ 20C</b>	
Characteristic Impedance	50±3 Ohm (TDR)
Capacitance	110±5 pF/m max. @ 1 KHz
Velocity of Propagation	65% nom.
Attenuation @ 400 MHz	≤51.0 dB/100 max.
Attenuation @ 1000 MHz	≤80.5 dB/100 max.
DC Resistance of inner conductor	≤130.6 Ohm/Km max.
DC Resistance of outer conductor	≤33.2 Ohm/Km max.
Continuous working voltage	3. KV rms max.
Dielectric strength (conductor to shield)	3 KV rms min.
Jacket spark-test	2 KV rms min.
Jacket dielectric test after cold bend	1.5 KV rms min.
Fire Behaviour	class Eca-CPR