


N104-100

RG58A/U COAXIAL CABLE	
	
Inner Conductor	19/0.18±0.004 mm BC
Dielectric	Foam PE, 2.9±0.15 mm OD
Dielectric thickness	1.2 mm nom. 0.8 mm min.
Outer Conductor	Single braid, 45% min. coverage, AL/F + 48*0.12 Bc wires 3.3±0.15 mm nom. OD.
Outer Jacket	BLACK PVC compound,
Outer Jacket color	Black
Jacket thickness	0.90 mm nom. 0.65 mm min.
Overall Diameter	4.95±0.20 mm.
Surface Marking	RG-58U 50 OHM COAXIAL CABLE 100M---001M
Electrical & Transmission Properties @ 20C	
Characteristic Impedance	50±4 Ohm (TDR)
Capacitance	85±5 pF/m max. @ 1 KHz
Velocity of Propagation	66% nom.
Attenuation @ 50 MHz	8.5 dB/100 max.
Attenuation @ 1000 MHz	36.0 dB/100 max.
DC Resistance of inner conductor	≤36.0 Ohm/Km max.
DC Resistance of outer conductor	≤53.0 Ohm/Km max.
Continuous working voltage	1.7KV rms max.
Dielectric strength (conductor to shield)	5 KV rms min.
Jacket spark-test	3 KV rms min.
Jacket dielectric test after cold bend	3 KV rms min.