


N103 (RG-6U COAXIAL CABLE)	
	
Inner Conductor	1/1.02±0.01 mm CCS
Dielectric	FPE, 4.65±0.20 mm OD
Dielectric thickness	1.965 mm nom. 1.665 mm min.
Outer Conductor1	AL/F, 115% min. coverage, 4.75±0.20 mm nom. OD.
Outer Conductor2	Single braid, 35% min. coverage, 16x2x0.12 mm bareal AL wires, 5.2±0.20 mm nom. OD.
Outer Jacket	WHITE RoHS-PVC compound,
Outer Jacket color	WHITE
Jacket thickness	0.85 mm nom. 0.6 mm min.
Overall Diameter	6.8±0.20 mm.
Surface Marking	RG6-U 75 OHM COAXIAL CABLE 100M---001M
Electrical & Transmission Properties @ 20C	
Characteristic Impedance	75±3 Ohm (TDR)
Capacitance	53±5 pF/m max. @ 1 KHz
Velocity of Propagation	83% nom.
Attenuation @ 400 MHz	≤15.2 dB/100 max.
Attenuation @ 1000 MHz	≤22.5 dB/100 max.
DC Resistance of inner conductor	≤125 Ohm/Km max.
DC Resistance of outer conductor	≤25.4 Ohm/Km max.
Continuous working voltage	8. KV rms max.
Dielectric strength (conductor to shield)	8 KV rms min.
Jacket spark-test	8 KV rms min.
Jacket dielectric test after cold bend	5 KV rms min.
Fire Behaviour	class Eca-CPR