



Part Number		Item Number	
V00620D		RG6/U Coaxial Cable	
Conductor		Insulation	
Composition (No./M)	1/1.02 +/- 0.008 mm	Material	Gas injected FoamPE
Material	Copper Clad Steel	Thickness	1.89 +/- 0.05
Outside Diameter (mm)	1.02	Nominal Diameter (mm)	(W/O Foil 4.8 +/- 0.1) (W Foil 5 +/- 0.2)
AWG (Stranding)	18		
Outer Shield		Inner Shield	
Material	Tinned Copper	Material	Aluminum Foil
Construction	16/4/0.16 +/- 0.008mm	Construction	-
picks/inches	8	picks/inches	-
Coverage	>62%	Coverage	100%
Jacket/Sheath		Nominal Capacity	
Material	PVC	pf/Ft	16.7 +/- 3
Diameter	7.0 +/- 0.1 mm	pf/m	55 +/- 3
Color	Black	-	-
Nominal Velocity of Propagation		Nom. Impedance	
82.00%		75 +/- 3	

Nominal Attenuation		
Frequency (MHz)	dB/100'	dB/100m
1	0.18	0.59
10	0.35	1.15
50	1.40	4.59
100	2.05	6.73
200	2.86	9.38
400	3.93	12.89

700	5.18	16.99
900	5.55	19.29
1000	6.25	20.51

Electrical Properties		
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Conductor Resistance	$\Omega/100M$	36.3
Dielectric Resistance	$M\Omega/M$	Min 5000
Spark Test	V AC	1750
Jacket Spark Test	V AC	1750
Dielectric Withstand Test	V AC	1500(at least 2 Sec)
Impedance	$\Omega$	$75 \pm 3$
Capacitance	pF/m	$52.3 \pm 3$
VOP (1 MHz - 1000 MHz)	%	83 at (1 GHz)
VSWR (MHz)	%	1.074 (at 1GHz)

Physical Property				
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<b>Insulation</b>	Tensile Strength	Unaged	Psi	1023
		Aged	%	88
	Elongation	Unaged	%	133
		Aged	%	98
	Concentricity	-	-	91
	Strip Force	-	-	PASS

<b>Jacket</b>	Tensile Strength	Unaged	Psi	2311
		Aged	%	85
	Elongation	Unaged	%	267
		Aged	%	88
	Concentricity	-	%	93
	Strip Force	-	-	PASS
	Jacket Thickness	-	mm	$0.72 \pm 0.5$

RoHS Test		
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Cadmium (Cd)	ppm	ND
Lead (Pb)	ppm	ND
Mercury (Hg)	ppm	ND
Chromium VI (Cr + 6)	ppm	ND

<b>PBBs (Polybrominated biphenyls)</b>	ppm	ND
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