



Part Number		Item Number	
V00620DBC		RG6/U Coaxial Cable	
Conductor		Insulation	
Composition (No./M)	1/1.02 ± 0.010 mm	Material	Gas Injected Foam Poly Ethylene
Material	Bare Copper	Thickness	1.79 ± 0.05
Outside Diameter (mm)	1.02	Nominal Diameter (mm)	(W/O Foil 4.5 ± 0.1)
			(W Foil 4.6 ± 0.1)
AWG (Stranding)	18		
Outer Shield		Inner Shield	
Material	Tinned Copper	Material	Aluminum Mylar Foil
Construction	16/8/0.16 ± 0.008 mm	Construction	DS-Foil
picks/inches	7	Thickness (mm)	0.05
Coverage	>95%	Coverage	100%
Jacket/Sheath		Nominal Capacity	
Material	PVC	pf/Ft	16.2 ± 3
Diameter	7.0 ± 0.1	pf/m	53.1 ± 3
Color	Black	-	-
Nominal Velocity of Propagation		Nom. Impedance	
82.00%		75 ± 3	

Nominal Attenuation		
Frequency (MHz)	dB/100'	dB/100m
1	0.20	0.67
10	0.67	2.21
50	1.41	4.61
100	1.92	6.31
200	2.69	8.82

400	3.87	12.70
700	5.22	17.13
900	-	-
1000	6.32	20.74

Electrical Properties				
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	Ω	75 \pm 3		
Capacitance	pF/m	53.1 \pm 3		
VOP (1 MHz - 1000 MHz)	%	82.7 (at 1GHz)		
VSWR	%	1.024 (at 1 GHz)		
Physical Property				
<i>Insulation</i>	Tensile Strength	Unaged	Psi	1101
		Aged	%	85
	Elongation	Unaged	%	119
		Aged	%	88
	Concentricity	-	%	93
Strip Force	-	-	PASS	
<i>Jacket</i>	Tensile Strength	Unaged	Psi	2154
		Aged	%	83
	Elongation	Unaged	%	280
		Aged	%	220
	Concentricity	-	%	92
	Strip Force	-	-	PASS
Jacket Thickness	-	mm	0.97 \pm 0.05	
RoHS Test				
Cadmium (Cd)	ppm	ND		
Lead (Pb)	ppm	ND		
Mercury (Hg)	ppm	ND		

Chromium VI (Cr + 6)	ppm	ND
PBBs (Polybrominated biphenyls)	ppm	ND
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