



<b>V00620DBCP</b>		<b>RG6/U Coaxial Cable (outdoor)</b>	
<b>Conductor</b>		<b>Insulation</b>	
Composition (No./M)	1/1.02 ± 0.010 mm	Material	Gas Injected Foam Poly Ethylene
Material	Bare Copper	Thickness	2.15 ± 0.05
Outside Diameter (mm)	1.02	Nominal Diameter (mm)	(W/O Foil 4.42 ± 0.1)
			(W Foil 4.52 ± 0.1)
AWG (Stranding)	18		
<b>Outer Shield</b>		<b>Inner Shield</b>	
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%
<b>Jacket/Sheath</b>		<b>Nominal Capacity</b>	
Material	PE	pf/Ft	16.2 ± 3
Diameter	7.0 ± 0.1	pf/m	53.1 ± 3
Color	Black	-	-
<b>Nominal Velocity of Propagation</b>		<b>Nom. Impedance</b>	
	82.00%		75 ± 3

<b>Nominal Attenuation</b>		
<b>Frequency (MHz)</b>	<b>dB/100'</b>	<b>dB/100m</b>
1	0.24	0.80
10	0.73	2.40
50	1.62	5.32
100	2.12	6.95
200	3.03	9.93
400	3.72	12.21
700	5.36	17.60

900	-	-
1000	6.25	20.50

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	$\Omega$	75 $\pm$ 3		
Capacitance	pF/m	53.8 $\pm$ 3		
VOP (1 MHz - 1000 MHz)	%	83.1 (at 1GHz)		
VSWR (MHz)	%	1.01 (at 1 GHz)		
Physical Property				
<i>Insulation</i>	Tensile Strength	Unaged	Psi	1095
		Aged	%	83
	Elongation	Unaged	%	110
		Aged	%	80
	Concentricity	-	%	92
	Strip Force	-	-	PASS
<i>Jacket</i>	Tensile Strength	Unaged	Psi	2133
		Aged	%	85
	Elongation	Unaged	%	600
		Aged	%	90
	Concentricity	-	%	91
	Strip Force	-	-	PASS
	Jacket Thickness	-	mm	0.84 $\pm$ 0.05

<b>RoHS Test</b>		
<b>Cadmium (Cd)</b>	ppm	ND
<b>Lead (Pb)</b>	ppm	ND
<b>Mercury (Hg)</b>	ppm	ND
<b>Chromium VI (Cr + 6)</b>	ppm	ND
<b>PBBs (Polybrominated biphenyls)</b>	ppm	ND
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