Part Number		Item Number	
V01120DBCP		RG11/U Coaxial Cable	
Conductor		**Insulation**	
Composition (No./M)	1.62 ± 0.008 mm	Material	Gas-Injected High Density Poly Ethylene
Material	Bare Copper	Thickness	3.0 ± 0.05
Outside Diameter (mm)	1.62	Nominal Diameter (mm)	(W/O Foil 7.24 ± 0.1) (W/Foil 7.64 ± 0.2)
AWG (Stranding)	14		
Outer Shield		**Inner Shield**	
Material	Tinned Copper	Material	Aluminum Mylar Foil
Construction	24/4/0.15 ± 0.008mm	Construction	DS-Foil
picks/inches	11	Thickness	0.05
Coverage	63%	Coverage	100%
Jacket/Sheath		**Nominal Capacity**	
Material	PE	pf/Ft	16.20 ± 3
Diameter	10.30 ± 0.1 mm	pf/m	52.80 ± 3
Color	Black	-	-
Nominal Velocity of Propagation		**Nom. Impedance**	
82 %		75 ± 3	

Nominal Attenuation		
Frequency (MHz)	dB/100'	dB/100m
1	0.17	0.60
10	0.50	1.60
50	1.00	3.30
100	1.35	4.40
200	1.62	5.35
400	2.30	7.50
700	3.35	11.00

900		4.00		13.12	
1000		4.30		14.10	
Electrical Properties					
Conductor Resistance		Ω/100M		1.8	
Dielectric Resistance		MΩ/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 ± 3	
Capacitance		pF/m		56.7 ± 3	
VOP (1 MHz - 1000 MHz)		%		80.1 at 1GHz	
VSWR (MHz)		%		1.025 at 1 GHz	
Physical Property					
Insulation		Tensile Strength	Unaged	Psi	1066
			Aged	%	84
		Elongation	Unaged	%	102
			Aged	%	80
		Concentricity	-	%	91
		Strip Force	-	-	PASS
Jacket		Tensile Strength	Unaged	Psi	2333
			Aged	%	85
		Elongation	Unaged	%	257
			Aged	%	83
		Concentricity	-	%	94
		Strip Force	-	-	PASS
		Jacket Thickness	-	mm	0.93 ± 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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