



Part Number		Item Number	
V0111001		RG11/U Coaxial Cable (Armored)	
Conductor		Insulation	
Composition (No./M)	1.62 ± 0.008 mm	Material	Gas-Injected Foam Poly Ethylene
Material	Bare Copper	Thickness	2.75 ± 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	24/8/0.16 ± 0.008mm	Construction	DS-Foil
picks/inches	8	Thickness	0.05
Coverage	95%	Coverage	100%
Inner Jacket/Sheath		Outer Jacket/Sheath	
Material	Low-Smoke, Zero-Halogen Polyolefin	Material	Low-Smoke, Zero-Halogen Polyolefin
Diameter	10.30 ± 0.1	Diameter	1.32 Nom. Wall & 15.22 Nom. OD
Color	Black	Color	Black
Printing	-	Printing	See Below
Armoring		Nominal Capacity	
Material	Galvanized Steel Wire	pf/Ft	16.0 ± 1
Construction	32/5/0.32 ± 0.008mm	pf/m	52.4 ± 1
picks/inches	6	-	-
Coverage	96%	-	-
Nominal Velocity of Propagation		Nom. Impedance	
82.00%		75 ± 1	
Nominal Attenuation			
Frequency (MHz)		dB/100'	dB/100m

1	0.16	0.50
10	0.46	1.60
50	1.00	3.30
135	1.50	4.80
270	2.10	6.90
360	2.45	8.00
Electrical Properties		
Conductor Resistance	Ω/M'	2.6
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 ± 1
Capacitance	pF/m	56.7 ± 1
VOP (1 MHz - 1000 MHz)	%	80.8 at 1 GHz
VSWR (MHz)	%	1.025 at 1 GHz
750	3.70	12.00
1000	4.30	14.15
1500	5.50	18.00
3000	8.20	26.90