



Part Number		Item Number	
V2131001		RG213/U Coaxial Cable (Armored)	
Conductor		Insulation	
Composition (No./M)	7/0.752 ± 0.008 mm	Material	Solid Poly Ethylene
Material	Bare Copper	Thickness	2.50 ± 0.05
Outside Diameter (mm)	2.26	Nominal Diameter (mm)	7.24 ± 0.1
AWG (Stranding)	13		
Outer Shield		Inner Shield	
Material	Bare Copper	Material	N.A
Construction	24/8/0.18 ± 0.008mm	Construction	N.A
picks/inches	8	Thickness	N.A
Coverage	97%	Coverage	N.A
Inner Jacket/Sheath		Outer Jacket/Sheath	
Material	Low-Smoke, Zero-Halogen Polyolefin	Material	Low-Smoke, Zero-Halogen Polyolefin
Diameter	1.10 mm Nom. Wall & 10.30mm Nom. O.D	Diameter	1.22mm Nom. Wall & 15.50 Nom. O.D
Color	Black	Color	Black
Printing	-	Printing	See Below
Armoring		Nominal Capacity	
Material	Galvanized Steel Wire	pf/Ft	29.80 ± 1
Construction	32/4/0.32 ± 0.008mm	pf/m	98.00 ± 1
picks/inches	9	-	-
Coverage	95%	-	-
Nominal Velocity of Propagation		Nom. Impedance	
66.00%		50 ± 1	
Nominal Attenuation			
Frequency (MHz)		dB/100'	dB/100m
1		0.21	0.60

10	0.60	1.80
50	1.30	4.30
100	1.91	6.25
200	2.70	8.95
400	4.10	13.50
700	6.50	21.30
900	7.60	24.95
1000	8.10	26.20
4000	21.50	70.50
Electrical Properties		
Conductor Resistance	Ω/M'	1.7
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	50 ± 1
Capacitance	pF/m	66 ± 1
VOP (1 MHz - 1000 MHz)	%	72 at 1 GHz
VSWR (MHz)	%	1.074 at 1 GHz