



Part Number		Item Number	
V0061001		RG6/U Coaxial Cable (Armored)	
Conductor		Insulation	
Composition (No./M)	1/1.02 ± 0.008 mm	Material	Gas Injected Foam Poly Ethylene
Material	Bare Copper	Thickness	1.89 ± 0.05
Outside Diameter (mm)	1.02	Nominal Diameter (mm)	(W/O Foil 4.42 ± 0.1)
			(W Foil 4.50 ± 0.2)
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%
Inner Jacket/Sheath		Outer Jacket/Sheath	
Material	Low-Smoke, Zero-Halogen Polyolefin	Material	Low-Smoke, Zero-Halogen Polyolefin
Diameter	7.0 ± 0.1	Diameter	1.32mm Nom. Wall & 11.50mm Nom. O.D
Color	Black	Color	Black
Armoring		Nominal Capacity	
Material	Galvanized Steel Wire	pf/Ft	16.2 ± 1
Construction	24/4/0.32 ± 0.008	pf/m	53.1 ± 1
picks/inches	8	-	-
Coverage	98%		
Nominal Velocity of Propagation		Nom. Impedance	
82.00%		75 ± 1	
Nominal Attenuation			
Frequency (MHz)		dB/100'	dB/100m

1	0.24	0.80
10	0.72	2.40
50	1.60	5.32
100	2.10	6.95
200	3.00	9.93
400	3.70	12.21
700	5.30	17.60
900	-	-
1000	6.20	20.50
Electrical Properties		
Conductor Resistance	Ω/M'	6.4
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	$\mu F/m$	53.1 ± 1
VOP (1 MHz - 1000 MHz)	%	82.7 (at 1 GHz)
VSWR	%	1.024(at 1 GHz)