



<http://www.prioritywire.ca>

## RG 6/U TYPE COAXIAL CABLES

- Application:** Suitable for RF signal transmission, MATV, CATV, and CCTV.  
**Description:** Copper-covered steel center conductor; gas-expanded polyethylene dielectric; aluminum foil shield and bare aluminum braid wire; PVC jacket; FT-4 rated.  
**Specifications:** ASTM B-3, ASTM B-869

PHYSICAL DIMENSIONS			
ITEM	DIMENSIONS		TYPICAL VALUE
Inner Conductor	Diameter	AWG	18
		Inch	0.040
	Resistance		28.9 ohms/kft
Dielectric	Diameter	Inch	0.180
	Material		AL Foil
Shield	Coverage	%	60 + 40
	Resistance		90 ohms/kft
	Diameter	Inch	0.263

ELECTRICAL CHARACTERISTICS		
Sparker Test	VAC	2500
Impedance	OHM	75
Capacitance	PF/m	54
Velocity of Propagation	%	85

ATTENUATION		
	FREQUENCY	ATTENUATION (@20°C)
	MHz	dB/100ft
Typical Attenuation	5	58.00
	50	1.48
	100	2.01
	200	2.86
	400	4.23
	700	5.96
	900	6.96
	1000	7.45
	1450	9.34
	2200	11.54
	3000	13.07

Cable Marking: RG6/U 3.0GHZ (UL) OR c(UL) E# CMG 18AWG FT4 CSA 60% PRIORITY WIRE <MM>

**Revision Date: N/A**  
**Revision #: 0**

**Approved by:**  
  
**Date: 1/26/11**