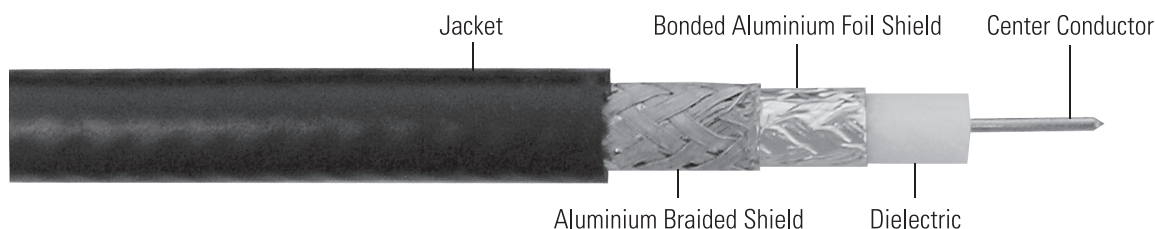


COMMSAT™

SATELLITE CABLE

SMATV DIGITAL COAXIAL CABLE RG11U (3GHz)



MECHANICAL SPECIFICATIONS

	MATERIAL	DIAMETER
Inner Conductor	Copper Clad Steel	1.63mm (0.0641") ± 0.03
Dielectric	Foam PE Polyethylene	7.11mm (0.280") ± 0.1
Sheath (Nominal OD)	PVC Black	10.03mm (0.395") ± 0.2
Nominal Jacket Thickness	PVC	1.07mm (0.042")
Shield		
- Outer Conductor 1	Bonded Aluminium Foil	
- Outer Conductor 2	Aluminium Braid Wire, 60% Braiding (96 x 0.16mm Al-Mg Wire)	
Shipping Weight (lbs/1000')	26 lbs	
Temperature		
- Minimum Installation Temperature	> -5° C	
Operating Temperature	- 40° C to + 80° C	

ELECTRICAL SPECIFICATION

Typical attenuation @ 68° F (20° C)

55	211	400	600	870	1000	1450	2000	2500	3000	MHz
1.25	5.70	7.89	9.58	11.80	12.88	16.89	20.87	23.80	26.59	dB/100m

RETURN LOSS

50	200	550	855	1000	1350	1750	2150	3000	MHz
-43.00	-30.20	-27.70	-25.90	-30.60	-28.50	-27.60	-26.50	-23.70	dB



UL LISTED

Typical Impedance at 200MHz - 75 ohms $\pm$ 0.3%

Typical Capacitance (pf/m) - 51pf $\pm$ 3/m

Propagation Velocity - 85% $\pm$ 4

Insulated Resistance - >5000m ohm/km

Screening Factor - VHF > 80dB

- UHF > 75dB

Standard (Safety) - National Electric Code (NEC)

- Canadian Electric Code (CEC)