



# INTEGRAL TECHNOLOGIES

## SEMIFLEX 750 CO-AXIAL CABLE

### Description

Center Conductor: CCA,  $\Phi 0.165''$  (4.19 mm)

Dielectric: Foam PE,  $\Phi 0.678''$  (17.2 mm)

Outer Conductor :  $0.750''$  (19.1 mm)

Jacket: PE,  $0.820''$  (20.8 mm)

### Mechanical Characteristics

Minimum Bend Radius :  $6.0''$  (150 mm)

Maximum Pulling Tension : 675 lb (306 kg)

### Electrical performance

Capacitance :  $15.6 \pm 0.1$  pF/ft (51.2 pF/m)

Impedance :  $75 \pm 2$  ohms

Velocity of Propagation : 88% (Nominal)

Maximum DC Loop Resistance : 0.75 ohms/1000 ft (2.46 ohms/km)

Attenuation: @68 F (20 C)

Frequency (Mhz)	dB/100 ft (max)	dB/100 met(max)
5	0.11	0.36
55	0.35	1.15
211	0.75	2.46
450	1.12	3.67
550	1.25	4.10
750	1.48	4.86
865	1.60	5.25
1000	1.74	5.71

