



Caledonian

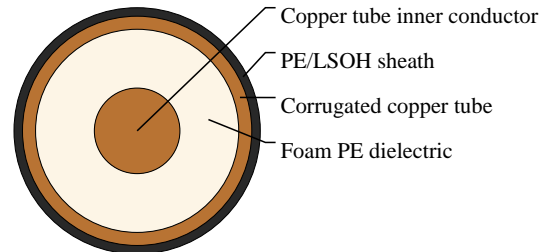
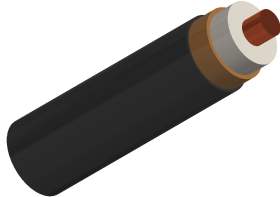
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

50 Ohm Wideband Coaxial Cables

RF32(1-1/4")



Construction

Inner conductor	Copper tube	Φ13.14 mm
Dielectric	Foam PE	Φ32.8 mm
Outer conductor	Corrugated copper	Φ36 mm
Sheath	PE/LSOH	Φ38.6 mm

Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	76 pF/m
Velocity of propagation	88%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	0.76 Ohm/Km
Outer conductor resistance	0.6 Ohm/Km
Installation temperature range	-40°C - +60 °C
Operating temperature range	-55°C - +85°C
Test voltage	9 KV
Cable weight (approx.)	940 kg/km
Operating Frequency Band	1 – 3300 MHz
Screening effectiveness	>120dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
10	0.24	0.08
100	0.79	0.26
150	0.98	0.33
200	1.15	0.38



Caledonian

Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

300	1.43	0.48
450	1.78	0.59
500	1.89	0.63
700	2.29	0.76
800	2.47	0.82
900	2.63	0.88
1000	2.8	0.93
1500	3.19	1.06

Return Loss

806-960 MHz	24.29dB
1700-2000 MHz	24.29dB