



# Caledonian

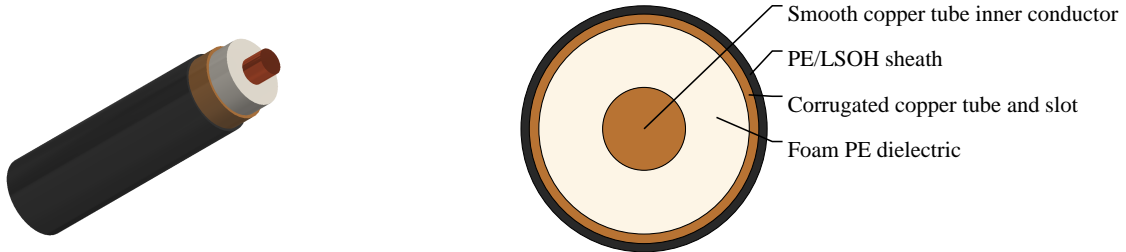
Coaxial Cables

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## 50 Ohm Leaky Coaxial Cables

LCX32(1-1/4") L



### Construction

Inner conductor	Smooth copper tube	Φ13 mm
Dielectric	Foam PE	Φ33.0 mm
Outer conductor	Corrugated copper tube and slot	Φ33.0 mm
Sheath	PE/LSOH	Φ38.6 mm

### Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	76 pF/m
Velocity of propagation	89%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	0.7 Ohm/Km
Outer conductor resistance	0.7 Ohm/Km
Installation temperature range	-40°C - +60 °C
Operating temperature range	-55°C - +85°C
Cable weight (approx.)	1050kg/km-1150kg/km

### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
75	0.8	0.24
150	1.1	0.34
450	2.5	0.76
800	3.3	1.01
900	3.5	1.07
1800	5	1.52
2200	5.9	1.8



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2400	6.5	1.98
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