



# Caledonian

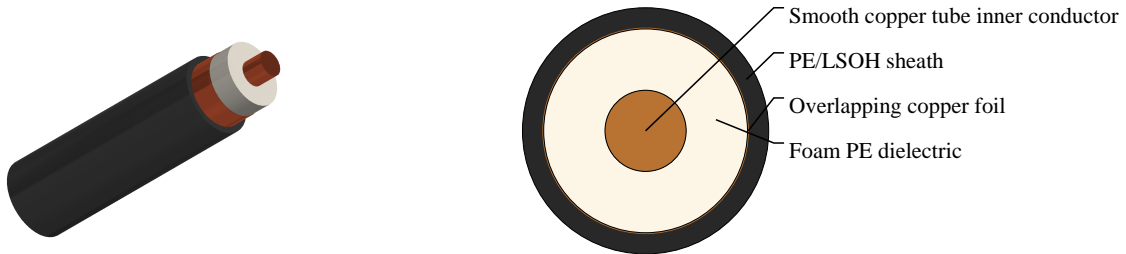
Coaxial Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## 50 Ohm Leaky Coaxial Cables

LCX22(7/8") R



### Construction

Inner conductor	Smooth copper tube	Φ9 mm
Dielectric	Foam PE	Φ22.5 mm
Outer conductor	Overlapping copper foil	Φ22.8 mm
Sheath	PE/LSOH	Φ27.2 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	1.2 Ohm/Km
Outer conductor resistance	2.8 Ohm/Km
Installation temperature range	-40°C - +60 °C
Operating temperature range	-55°C - +85°C
Cable weight (approx.)	420kg/km-480kg/km

### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
75	1.2	0.37
150	1.8	0.55
450	3.3	1.01
800	5.1	1.55
900	5.5	1.68