



Caledonian

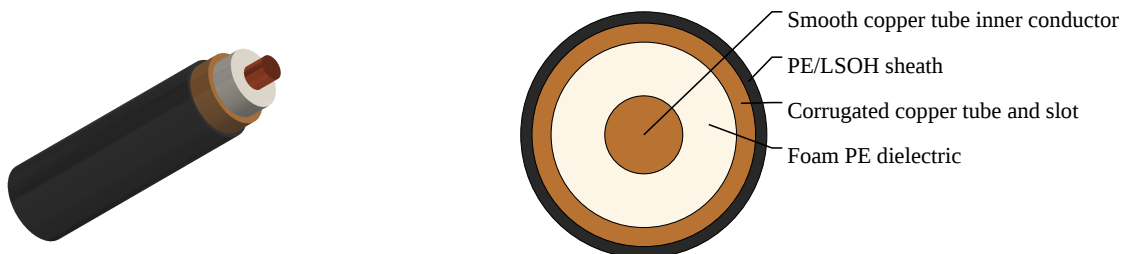
Coaxial Cables

www.caledonian-cables.com

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50 Ohm Leaky Coaxial Cables

LCX22(7/8") L



Construction

Inner conductor	Smooth copper tube	Φ9.0 mm
Dielectric	Foam PE	Φ22.5 mm
Outer conductor	Corrugated copper tube and slot	Φ24.9 mm
Sheath	PE/LSOH	Φ27.7 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	1 Ohm/Km
Outer conductor resistance	1.2 Ohm/Km
Installation temperature range	-40°C - +60 °C
Operating temperature range	-55°C - +85°C
Cable weight (approx.)	520kg/km-570kg/km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
75	1.2	0.37
150	1.7	0.52
450	3.1	0.95
800	4.3	1.31
900	4.6	1.4
1800	4.9	1.49
2200	7.8	2.38



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2400	8.6	2.62
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