

Leaky Coaxial Cables

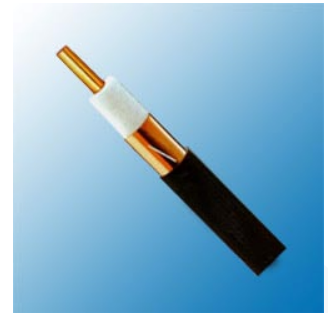
LCX32(1-1/4") R

Construction

Inner conductor	Smooth copper tube	Φ13.0mm
Dielectric	Foam PE	Φ32.8 mm
Outer conductor	Overlapping copper foil	Φ33.6 mm
Sheath	PE/LSOH	Φ38.2 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	0.7 Ohm/Km
Outer conductor resistance	1.7 Ohm/Km
Installation temperature range	-40°C - +60 °C
Operating temperature range	-55°C - +85°C
Cable weight (approx.)	840kg/km/970kg/km

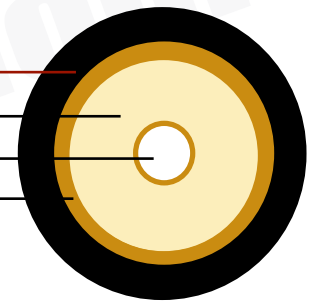


PE/LSHF sheath —————

Physical foamed dielectric —————

Smooth copper tube inner conductor —————

Overlapping copper foil —————



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation(dB/100ft)
75	1.00	0.30
150	1.35	0.41
450	2.30	0.70
800	4.00	1.22
900	4.35	1.33