

# Leaky Coaxial Cables

## LCX32(1-1/4") L

### Construction

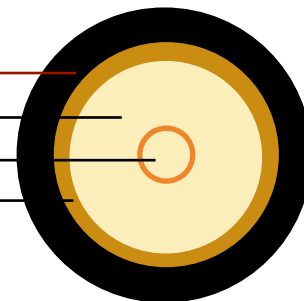
Inner conductor	Smooth copper tube	Φ13.0 mm
Dielectric	Foam PE	Φ33.0 mm
Outer conductor	Corrugated copper tube and slot	Φ36.0 mm
Sheath	PE/LSOH	Φ38.6 mm

### 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



PE/LSHF sheath  
 Physical foamed dielectric  
 Smooth copper tube inner conductor  
 Corrugated copper tube and slot



### Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation(dB/100ft)
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	5.0	1.52
2200	5.9	1.80
2400	6.5	1.98