

Leaky Coaxial Cables

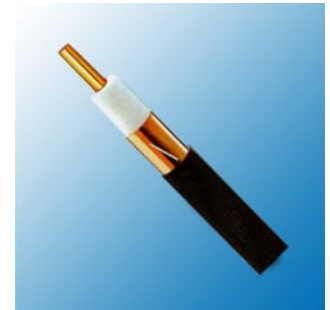
LCX22(7/8") R

Construction

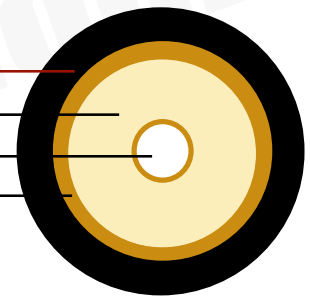
Inner conductor	Smooth copper tube	Φ9.0 mm
Dielectric	Foam PE	Φ22.5 mm
Outer conductor	Overlapping copper foil	Φ22.8 mm
Sheath	PE/LSOH	Φ27.2 mm

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



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	1.20	0.37
150	1.80	0.55
450	3.30	1.01
800	5.10	1.55
900	5.50	1.68