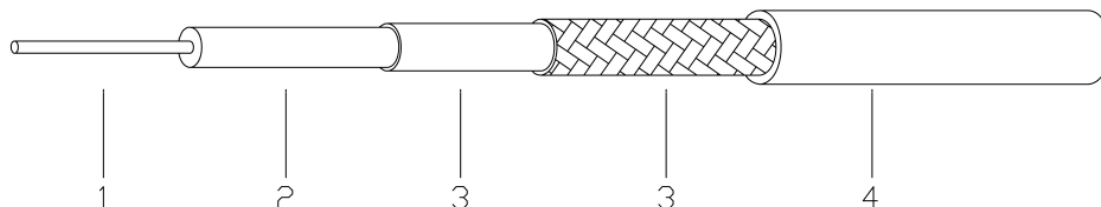


Low Loss 240 Cable



Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	1.42	Solid Copper
2.Dielectric	3.81	Foam PE
3. Braid	4.52	Bonded Aluminum Foil + Tinned copper braid
4.Jacket	6.10	Black PE or PVC

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	84%
Mini Bend Radius (mm)	19
Repeat Bend Radius (mm)	63
Inner Conductor DC Resistance(Ω /km)	10.50
Outer Conductor DC Resistance(Ω /km)	12.76
Shielding Effectiveness(dB)	>90
Temperature Scope	-25 to 70°C

Mechanical Characteristics

Storage Temp. (°C)	-25 to +70
Installation Temp. (°C)	-25 to +70
Operating Temp. (°C)	-25 to +70

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency (MHz)	Attenuation (dB/100m)	Avg. Power (kw)
30	4.40	1.3
50	5.70	1
150	9.90	0.58
220	12.00	0.48
450	17.30	0.33
900	24.80	0.23
1500	32.40	0.18
1800	35.60	0.16
2000	37.70	0.15
2500	42.40	0.13
3000	46.50	0.12
5800	66.80	0.09