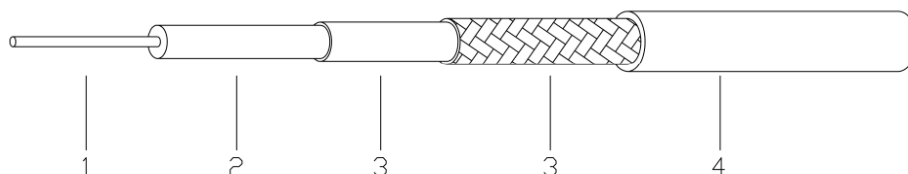


RG8 Cable



Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	2.74	Solid Copper or Copper clad Aluminum
2.Dielectric	7.24	PTFE
3. Braid	8.13	Bonded Aluminum Foil + Tinned copper braid
4.Jacket	10.29	Black PVC or PE

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	85%
Capacitance	77.1
Bent Radius (mm)	51mm
Inner Conductor DC Resistance(Ω /km)	2.92
Outer Conductor DC Resistance(Ω /km)	5.41
Shielding Effectiveness(dB)	>90
Temperature Scope	-40 to 200℃

Mechanical Characteristics

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

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency (MHz)	Attenuation (dB/100m)	Avg. Power (kw)
30	2.20	2.91
50	2.90	2.21
150	5.00	1.28
220	6.10	1.05
450	8.90	0.72
900	12.80	0.5
1500	16.80	0.38
1800	18.60	0.34
2000	19.60	0.33
2500	22.20	0.29
3000	24.80	0.26
5800	35.50	0.18