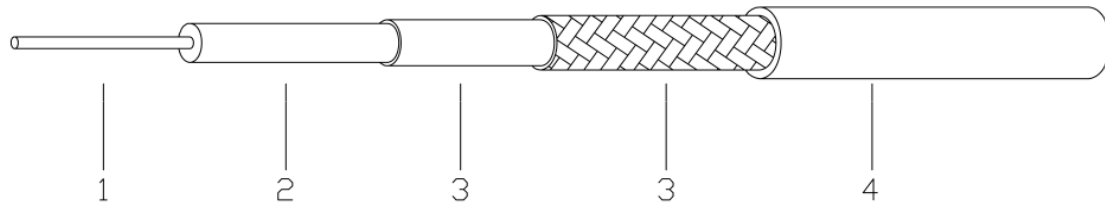


Low Loss 600 Cable



Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	4.47± 0.05	Solid Copper or Copper clad Aluminum
2.Dielectric	11.56 ± 0.1	Foam PE
3. Braid	12.5 ± 0.05	Bonded Aluminum Foil + Tinned copper braid
4.Jacket	14.99 ± 0.5	Black PE or PVC

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	85%
Inner Conductor DC Resistance(Ω /km)	1.85
Outer Conductor DC Resistance(Ω /km)	3.94
Shielding Effectiveness(dB)	>90
Temperature Scope	-40 to 200°C

Mechanical Characteristics

Storage Temp. (°C)	-25 to +75
Installation Temp. (°C)	-25 to +70
Operating Temp. (°C)	-25 to +70

Attenuation & Average Power @ 20°C and Seal Level

Frequency (MHz)	Attenuation (dB/100m)	Avg. Power (kw)
30	1.77	4.93
50	2.16	3.83
150	3.60	2.16
220	4.26	1.77
450	6.23	1.23
900	9.18	0.84
1500	11.80	0.63
1800	13.44	0.57
2000	14.09	0.54
2500	16.39	0.48
3000	18.03	0.29