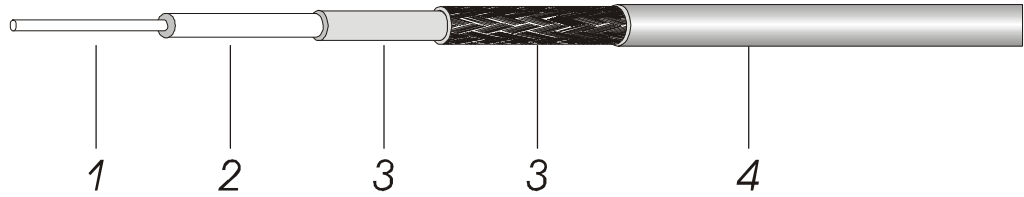


**FLL195**



**Construction Specification**

	Material	Diameter(mm)
1. Inner Conductor	Solid Copper	0.94±0.01
2. Dielectric	Physical Foam Polyethylene	2.79±0.15
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom.3.53
4. Jacket	Black Polyethylene	4.95±0.15

**Electrical Characteristics**

Capacitance(pF/ft)	25.4
Impedance(ohm)	50
Velocity(%)	80
Inner Conductor DC Resistance(Ω/1000ft)	7.6
Outer Conductor DC Resistance(Ω/1000ft)	4.9
Shielding Effectiveness(dB)	>90
Jacket Spark(VAC)	5000
Cutoff Frequency(GHz)	41
Peak Power(kW)	2.5

**Mechanical and Environmental Characteristics**

Min. Bend Radius(mm)	25
Storage Temp.(C)	-40to+85
Installation Temp. (C)	-70to+85
Operating Temp.(C)	-40to+85



Custom Made Coax Cable Assemblies

**Attenuation and Avg. Power(20 )**

Frequency(MHz)	Typical Attenuation (dB/100ft)	Max Attenuation (dB/100ft)	Avg. Power(KW)
30	1.9	2.0	0.78
50	2.5	2.5	0.60
150	4.3	4.4	0.35
220	5.2	5.4	0.29
450	7.5	7.8	0.20
900	10.7	11.1	0.14
1500	13.4	14.5	0.11
1800	15.3	16.0	0.10
2000	16.1	16.9	0.09
2500	18.1	19.0	0.08
5800	28.2	29.9	0.05