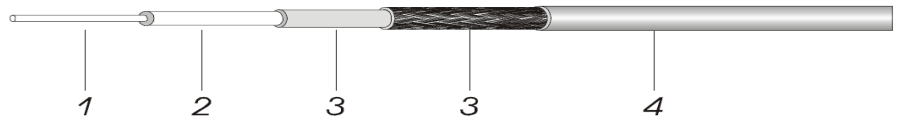


SPEC SHEET



Low Loss Cable

FLL195PU



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 polyurethane (dull matte black finish)	4.95±0.15

Electrical Characteristics

Capacitance(pF/ft)	25.4
Impedance(ohm)	50
Velocity(%)	80
Conductor DC Resistance(Ω /1000ft)	<7.6
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 Inner
Operating Temp.(°C)	-40to+85 Outer

Attenuation and Avg. Power(20°C)

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