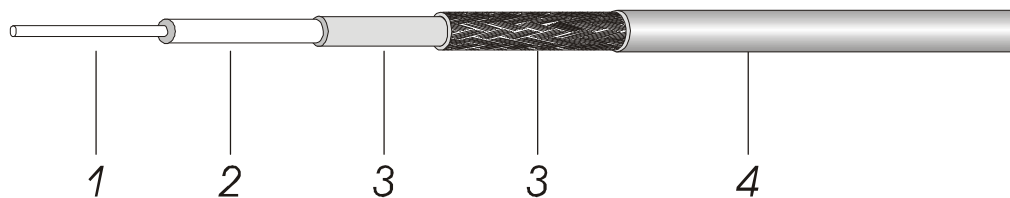


FLL240 SFPU



Construction Specification

	Material	Diameter(mm)
1. Inner Conductor	Stranded BC	1.42±0.02
2. Dielectric	Physical Foam Polyethylene	3.94±0.15
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom. 4.52
4. Jacket	Black polyurethane	6.10±0.20

Electrical Characteristics

Capacitance(pF/ft)	24.2
Impedance(ohm)	50
Velocity(%)	84
Inner Conductor DC Resistance(Ω /1000ft)	< 3.2
Outer Conductor DC Resistance(Ω /1000ft)	< 3.89
Shielding Effectiveness(dB)	>90
Jacket Spark(VAC)	5000
Cutoff Frequency(GHz)	31
Peak Power(kW)	5.6

Mechanical and Environmental Characteristics

Min. Bend Radius(mm)	19.1
Storage Temp.(°C)	-40to+85
Installation Temp. (°C)	-70to+85
Operating Temp.(°C)	-40to+85

Attenuation and Avg. Power(20°C)

Frequency(MHz)	Typical Attenuation (dB/100ft)	Max Attenuation (dB/100ft)	Avg. Power(KW)
30	1.6	1.632	1.24
50	2.1	2.14	0.96
150	3.6	3.672	0.55
220	4.4	4.488	0.45
450	6.3	6.426	0.31
900	9.1	9.282	0.22
1500	11.8	12.036	0.17
1800	13.0	13.26	0.15
2000	13.8	14.076	0.14
2500	15.5	15.81	0.13
5800	24.4	24.888	0.08