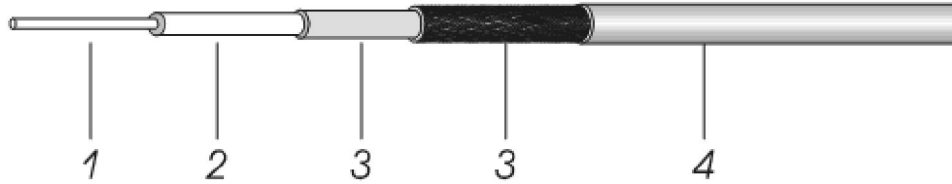


FLL200PU



Construction Specification

	Material	Diameter(mm)
1. Inner Conductor	Solid Copper	1.12±0.02
2. Dielectric	Physical Foam Polyethylene	2.95±0.15
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nom.3.66
4. Jacket	Black Polyurethane	4.95±0.15

Electrical Characteristics

Capacitance(pF/m)	80.4
Impedance(ohm)	50
Velocity (%)	83
Inner Conductor DC Resistance(Ω /km)	17.59
Outer Conductor DC Resistance(Ω /km)	16.08
Shielding Effectiveness(dB)	>90
Jacket Spark (Vrms)	3000
Cutoff Frequency(GHz)	39
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

Attenuation (20°C) and Avg. Power (40°C)

Frequency(MHz)	Attenuation(≠ dB/100m)	Avg. Power(KW)
30	5.80	0.91
50	7.50	0.70
150	13.10	0.40
220	15.90	0.33
450	22.80	0.23
900	32.60	0.16
1500	42.40	0.12
1800	46.60	0.11
2000	49.30	0.11
2500	55.40	0.10
3000	60.20	0.09
5800	86.50	0.06