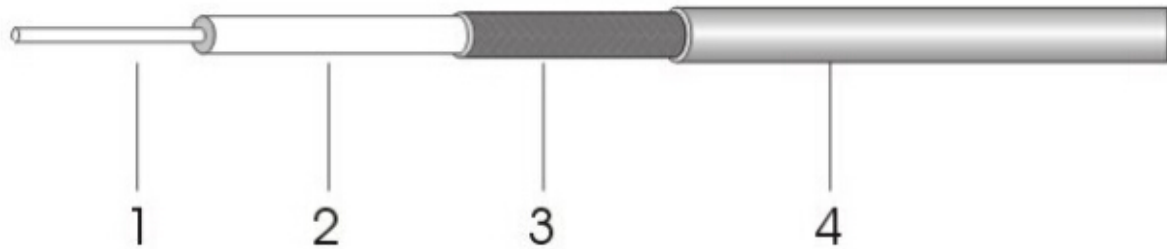


Semi-Flexible Cable RG405 FEP



Construction Specification

Item	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.52
2. Dielectric	PTFE	1.65
3. Outer Conductor	Tin Soaked Copper Braid	2.15
4. Jacket	FEP PVC LSZH	2.65

Electrical Characteristics

Capacitance(pF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	70
Cutoff frequency(GHz)	61
Time Delay(ns/m)	4.7
Shielding Effectiveness up to 18GHz (dB)	100

Mechanical and Environmental Characteristics

Min. Bending Radius Static (mm)		6
Min. Bending Radius Repeated (mm)		20
Operating Temp. (°C)	FEP	-55 to +125
	PVC	-25 to +70
	LSZH	-40 to +80

Attenuation& Average Power @ 20°C at Sea Level

Frequency(GHz)	Attenuation(dB/m)	Power(CW)
0.5	0.45	173.5
1.0	0.64	121.5
3.0	1.35	66.6
5.0	1.51	52.2
10.0	2.22	35.8
20.0	3.29	24.3