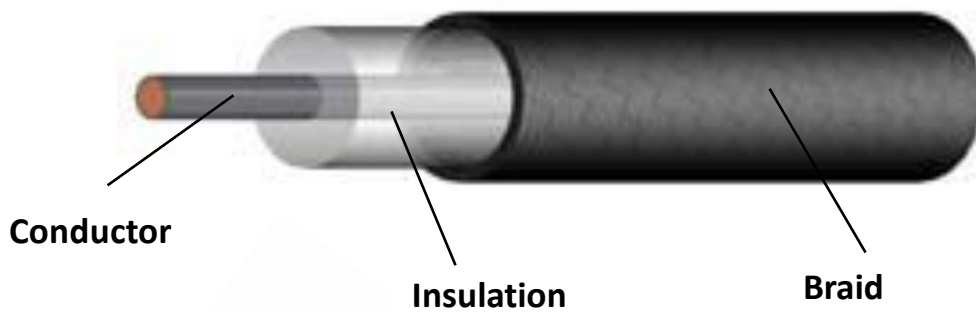


RG405 Semi-Flex Cable Assembly

Part No.: WLC-K1111SF-XXX

**RG405 Semi-Flex SMA Male to SMA Male
 Cable Assembly**



Actual Cable Section Illustration



Construction

Conductor	Insulation	Braid
Material: Silver Plated Copper Diameter: 0.56mm (0.022")	Material: PTFE Diameter: 1.7mm (0.067")	Material: Tin-Soaked Tin Plated Copper Diameter: 2.2mm (0.086")

Physical Characteristics

Description	Specification
Minimum Bend Radius (Single Bend)	6mm (0.24")
Minimum Bend Radius (Multiple Bend)	25mm (0.98")
Operating Temperature	-40~165°C
Weight	15kg/km

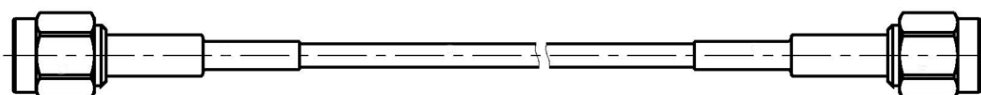
Electrical Characteristics

Frequency	Attenuation (dB/m)
0.4GHz	0.43
1GHz	0.7
1.8GHz	0.97
2GHz	1.02
2.4GHz	1.13
3GHz	1.27
5GHz	1.72
10GHz	2.49
12GHz	2.76
18GHz	3.46

Description	Specification
Impedance	50 ± 2Ω
Capacitance	94 pF/m
Nom. Vel. of Prop.	70 %
Signal Delay	4.8 ns/m
Working Voltage , AC r.m.s	1500 Max
Working Voltage , DC	3000 Max
Shielding Effectiveness	<-130 dB/m

Frequency	Average Power (W)
0.4GHz	253
1GHz	157
1.8GHz	116
2GHz	110
2.4GHz	100
3GHz	89
5GHz	69
10GHz	47
18GHz	33

Schematic Drawing



Remark: Estimation of Cable Assembly Loss = Connector Loss + Assembly Loss + Cable Loss