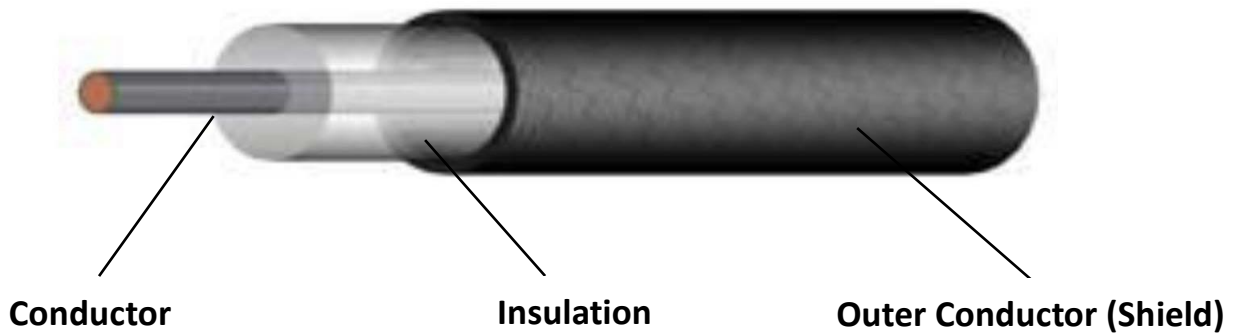


RG402 Semi-Rigid Cable Assembly

Part No.: WLC-J1111RD-XXX

**RG402 Semi-Rigid SMA Male to SMA Male
 Cable Assembly**



Construction

Conductor	Insulation	Outer Conductor (Shield)
Material: SPCW	Material: PTFE,F1	Material: Copper/Tin
Diameter: 0.92mm (0.0362")	Diameter: 2.98mm (0.1175")	Diameter: 3.58mm (0.1411")

Physical Characteristics

Description	Specification
Minimum Bend Radius	2.54 mm (0.1")
Operating Temperature	-55~125°C
Weight	35.1 lbs./1000ft.

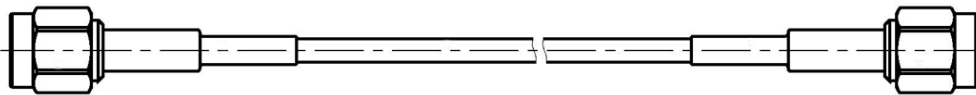
Electrical Characteristics

Frequency	Attenuation (dB/m)
1GHz	0.394
10GHz	1.476
20GHz	2.296

Description	Specification
Impedance	50 ± 1 Ω
Insulation Strength (KVRMS 60Hz)	5.0
Corona Extinction (KVRMS 60Hz)	1.9 Min
Cut-off Frequency	36 GHz

Frequency	Average Power (W)
1GHz	450
10GHz	120
20GHz	70

Schematic Drawing



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