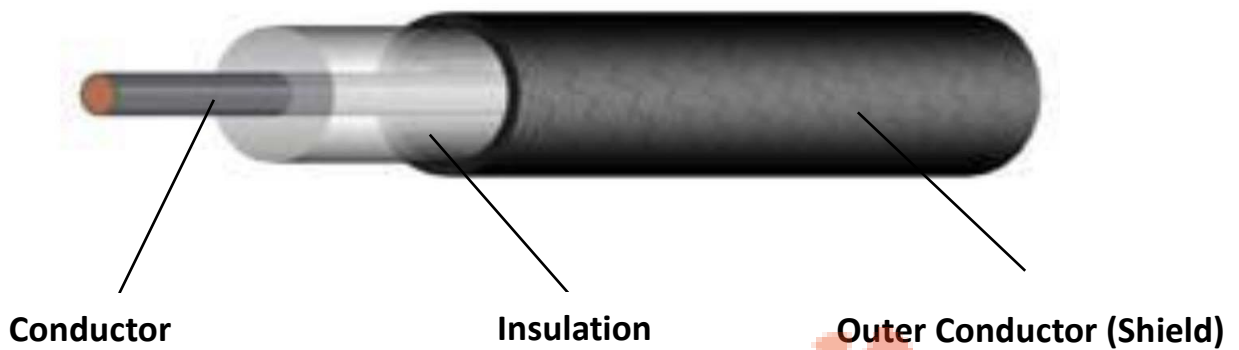


RG405 Semi-Rigid Cable Assembly

Part No.: WLC-K1111RD-XXX

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



Construction

Conductor	Insulation	Outer Conductor (Shield)
Material: SPCW	Material: PTFE,F1	Material: Copper/Tin
Diameter: 0.51mm (0.0201")	Diameter: 1.68mm (0.066")	Diameter: 2.2mm (0.0865")

Physical Characteristics

Description	Specification
Minimum Bend Radius	1.27 mm (0.05")
Operating Temperature	-55~125°C
Weight	15.8 lbs./1000ft.

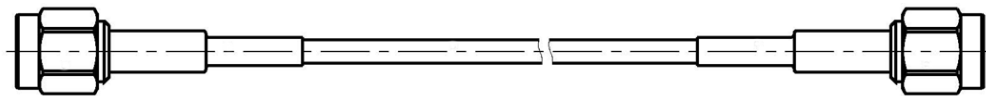
Electrical Characteristics

Frequency	Attenuation (dB/m)
1GHz	0.722
10GHz	2.625
20GHz	3.937

Description	Specification
Impedance	50 ± 1 Ω
Insulation Strength (KVRMS 60Hz)	5.0
Corona Extinction (KVRMS 60Hz)	1.5 Min
Cut-off Frequency	40 GHz

Frequency	Average Power (W)
1GHz	130
10GHz	35
20GHz	20

Schematic Drawing



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