

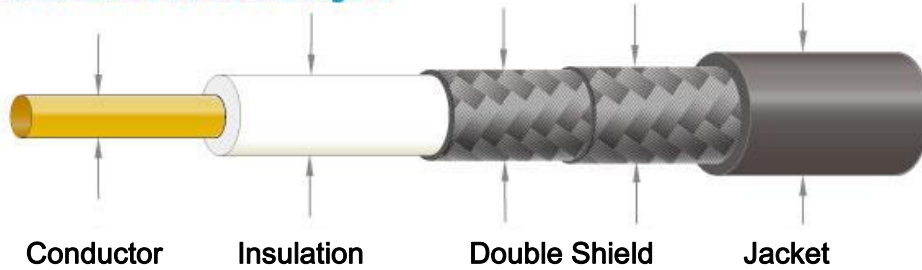
# RG400 Flexible Cable Assembly



**Part No.: WLC-E1111-XXX**

**RG400 SMA Male to SMA Male Cable Assembly**

Coaxial Cable Structure Figure



Actual Cable Section Illustration



## Construction

Conductor	Insulation	Double Shield	Jacket
Material: SC	Material: PTFE	Material: SPC	Material: FEP
Diameter: 0.98mm (0.0384")	Diameter: 2.95mm (0.116")	Diameter: 3.96mm (0.156")	Diameter: 4.95mm (0.195")

## Physical Characteristics

Description	Specification
Operating Temperature	-55~200°C
Minimum Bend Radius	25.4mm (1.0")
Weight	50 lbs/MFT

## Electrical Characteristics

Description	Specification
Impedance	50 ± 2Ω
Capacitance	29.4 pF/ft.
Max. Voltage	1900 V
Shielding Effectiveness	<-66 dB
Max Frequency	12.4 GHz

Frequency	Attenuation (dB/m)
	Typ/Max
0.1GHz	0.14/0.15
0.4GHz	0.28/0.34
1GHz	0.46/0.59
2.4GHz	0.74/0.99
5GHz	1.17/1.71
10GHz	2.02/2.56

## Schematic Drawing



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