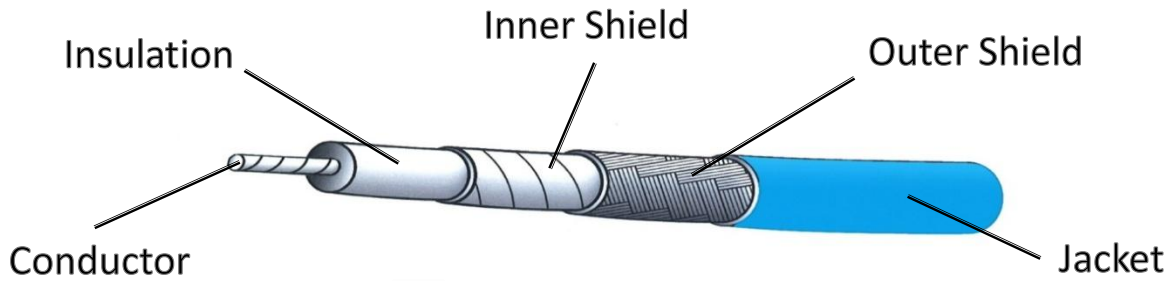


Spiral Flex Coaxial Cable

Part No.: WLC-A1111-xxx

WL402 Flexible SMA Male to SMA Male Cable Assembly



Actual Cable Section Illustration



Construction

Conductor	Insulation	Inner Shield	Outer Shield	Jacket
Material: SPC Diameter: 0.955mm(0.0376")	Material: PTFE Diameter: 2.97mm(0.117")	Material: Spiral Strip of Silver Plated Copper Diameter: 3.15mm(0.124")	Material: Round Silver Plated Copper Diameter: 3.51mm(0.138")	Material: Solid Light Blue Polyurethane Diameter: 4.57mm (0.18")

Physical Characteristics

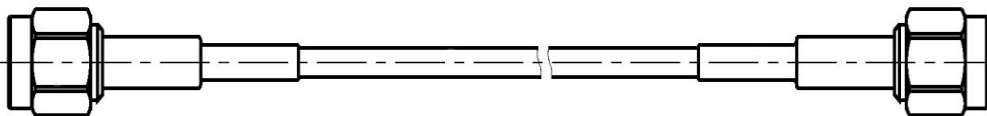
Description	Specification
Weights	29 lbs./mft
Operating Temperature	-55~85°C
Min. Bend Radius	22.86mm(0.9")

Electrical Characteristics

Frequency	Attenuation (dB/m)
	Typ / Max
0.4GHz	0.24 / 0.30
1GHz	0.39 / 0.48
2GHz	0.59 / 0.72
2.4GHz	0.66 / 0.76
3GHz	0.69 / 0.79
5GHz	0.94 / 1.08
10GHz	1.43 / 1.64
18GHz	2.10 / 2.41

Description	Specification
Impedance	50 Ω
Capacitance	29.4 pF/ft.
Velocity of Propagation	70 %
Cut-Off Frequency	34.0 GHz

Schematic Drawing



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