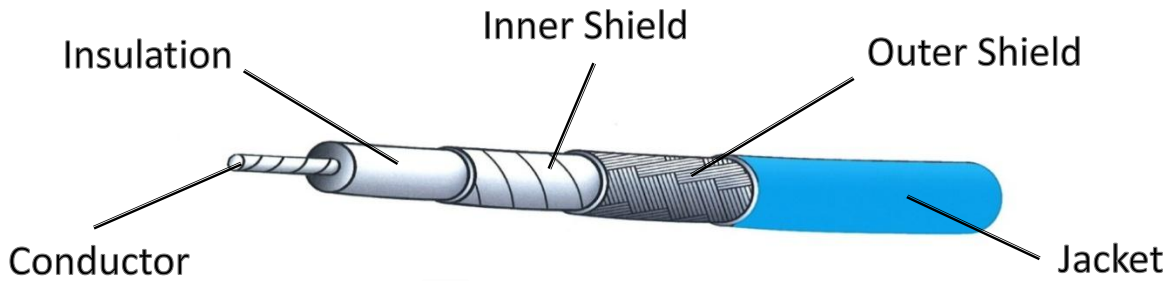


Spiral Flex Coaxial Cable

Part No.: WLC-B1111-xxx

WL405 Flexible SMA Male to SMA Male Cable Assembly



Actual Cable Section Illustration



Construction

Conductor	Insulation	Inner Shield	Outer Shield	Jacket
Material: SPCW Diameter: 0.53mm(0.021")	Material: PTFE Diameter: 1.6mm(0.063")	Material: Spiral Strip of Silver Plated Copper Diameter: 1.8mm(0.071")	Material: Round Silver Plated Copper Diameter: 2.16mm(0.085")	Material: Solid Light Blue Polyurethane Diameter: 2.92mm (0.115")

Physical Characteristics

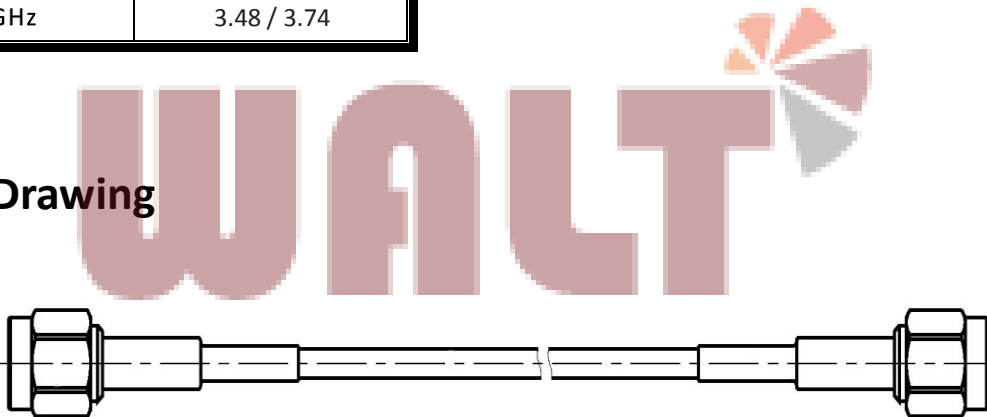
Description	Specification
Weights	14 lbs./mft
Operating Temperature	-55~85°C
Min. Bend Radius	15.24mm(0.6")

Electrical Characteristics

Frequency	Attenuation (dB/m)
	Typ / Max
0.4GHz	0.43 / 0.49
1GHz	0.71 / 0.78
2GHz	1.01 / 1.16
2.4GHz	1.12 / 1.28
3GHz	1.25 / 1.57
5GHz	1.66 / 1.91
10GHz	2.46 / 2.83
18GHz	3.48 / 3.74

Description	Specification
Impedance	50 Ω
Capacitance	29.4 pF/ft.
Velocity of Propagation	70 %
Cut-Off Frequency	63.0 GHz

Schematic Drawing



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