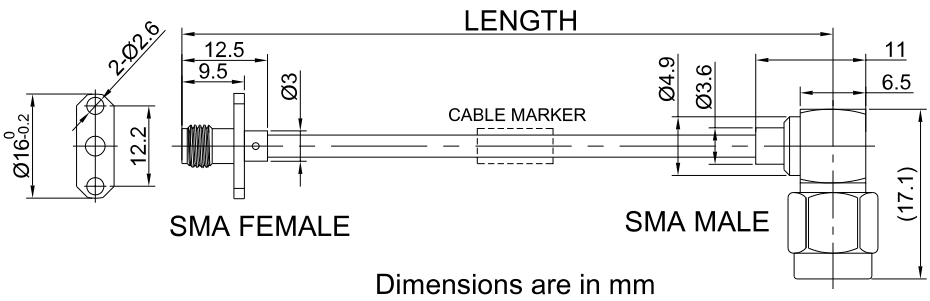
Datasheet

P/N: GA711-SMFF1SMWM-XXX

SMA 2 Hole Flange Female to SMA Right Male Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 6GHz



Dimensions are in mm

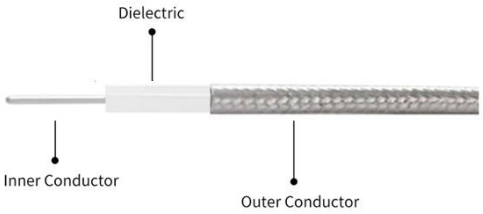


Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Female	Male
Connector Impedance (Ohm)	50	50
Connector Mount Method	2 Hole Flange	
Connector Body Style	Straight	Right Angle
Connector Body Material	Brass	Brass
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Cable Diameter (mm)	2.2
Cable Color	Silver
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



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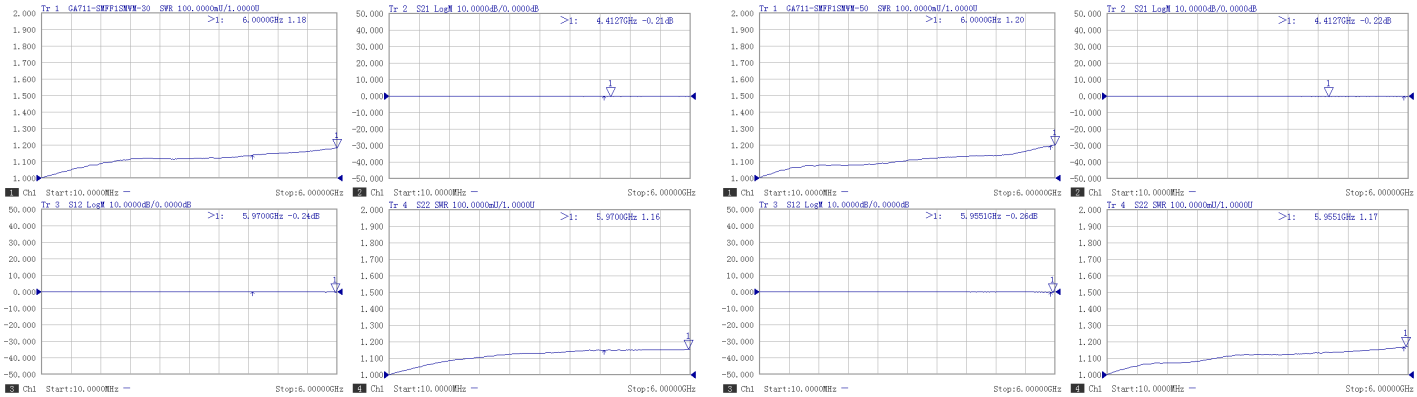
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC- 6GHz	≤ 1.3	0.83
150	±3			0.99
200	±3			1.16
250	±3			1.34
300	±5			1.49
400	±5			1.82
500	±5			2.15

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +125°C

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 30 mm

*Note:Test Cable Assembly Length = 50 mm

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