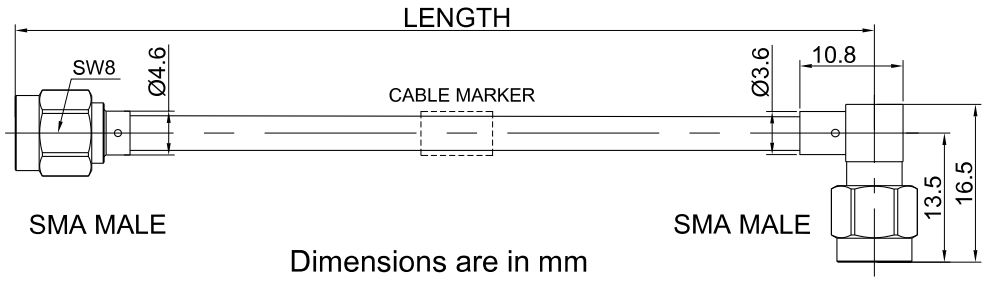
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GA721-SMMSMWM-XXX-6G

SMA Male to SMA Right Angle Male Cable Assembly | .141" Semi-flexible Cable without Jacket DC-6GHz



Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Right Angle
Connector Body Material	Stainless Steel	Brass
Connector Body Plating	Passivated	Gold

Cable Configuration

Cable Type	Semi-flexible
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	PTFE
Number of Shields	1
Shield Layer 1 Material	Tin-soaked, Tin Plated Copper (T)
Cable Diameter (mm)	3.6
Cable Color	Silver
Minimum Bend Radius (mm)	10
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	>100dB



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P/N: GA721-SMMSMWM-XXX-6G

SMA Male to SMA Right Angle Male Cable Assembly | .141" Semi-flexible Cable without Jacket DC-6GHz

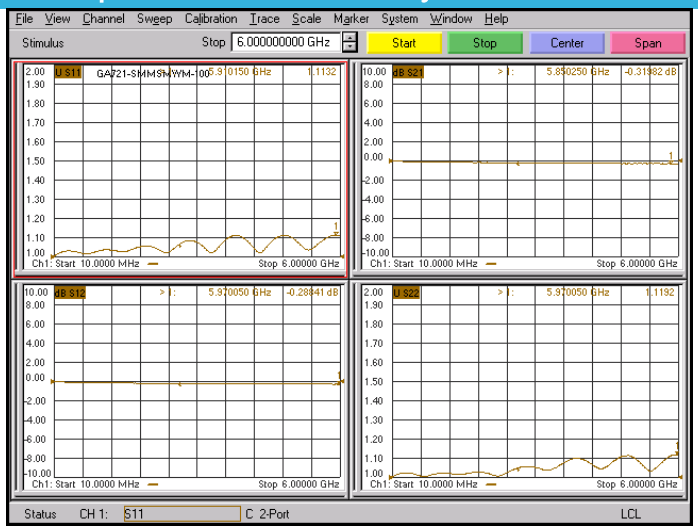
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-6GHz	1.25	0.3
200	±3			0.41
300	±5			0.52
400	±5			0.63
500	±5	DC-6GHz		0.74

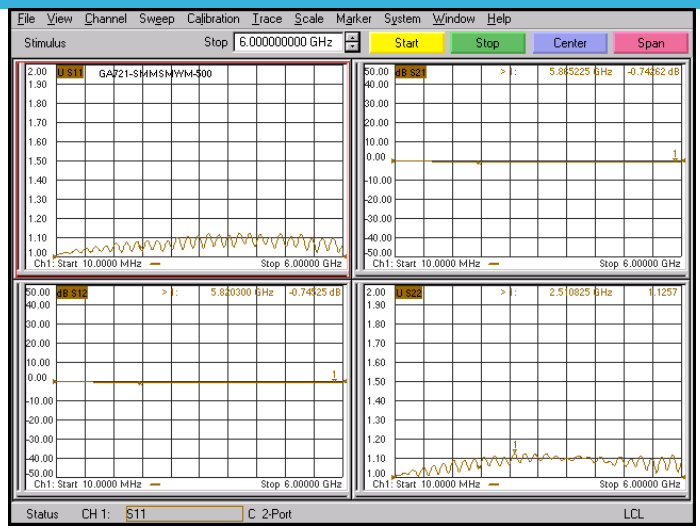
Enviromental Specifications

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

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 100 mm



*Note:Test Cable Assembly Length = 500 mm