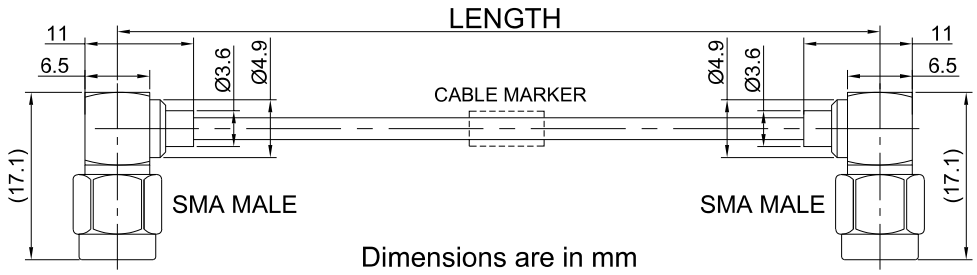
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GA710-SMWMSMWM-XXX

SMA Right Angle Male to SMA Right Angle Male Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 6GHz



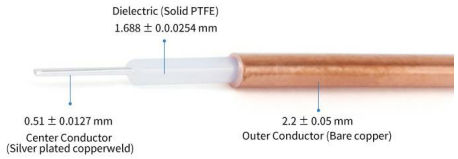


Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50.0	50
Connector Body Style	Right Angle	Right Angle
Connector Body Material	Brass	Brass
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	.086" Semi-rigid Cable (Copper)
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copperweld
Dielectric Material	Solid PTFE
Shield Layer 1 Material	Copper
Cable Diameter (mm)	2.2
Cable Color	Cooper
Minimum Bend Radius (mm)	6mm
Capacitance (pF/m)	95
Velocity of Propagation	70%
Shielding Effectiveness	<-120dB @ 1GHz



Gwave Technology Inc

(888)251-2240
87 Patricia Ct, Mountain View, CA 94041
sales@gwavetech.com
www.gwavetech.com

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SMA Right Angle Male to SMA Right Angle Male Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 6GHz

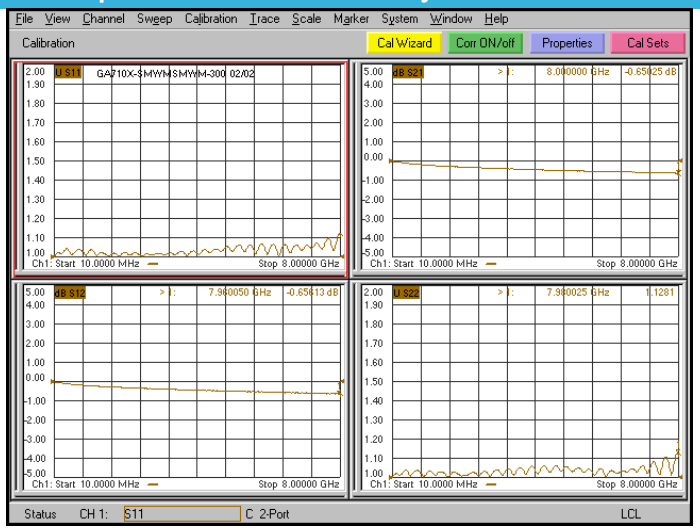
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 6GHz	1.35 to 6GHz	0.4
150	±3			0.50
200	±3			0.6
250	±3			0.7
300	±5			0.8
400	±5			0.95
500	±5			1.1

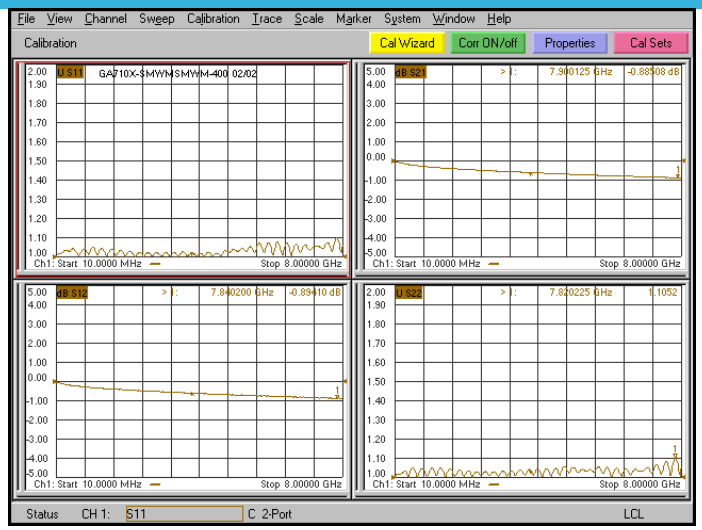
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 ºC to +85 ºC

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 300 mm



*Note:Test Cable Assembly Length = 400 mm