	ET <b>GWave</b>
86 SERIES, SEMI-RIGID CAB SMA(MALE)- SSMA(MALE)	
	<u>,                                     </u>
SMA MALE	SSMA MALE
abel and Shrinking tube design depend	l on customer's request.
Configuration Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	SSMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-085(Copper)
Electrical Specification	ons
Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.25 to 18 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Thase Thatening	On request
Signal Delay	
Signal Delay Power Handling	89watt @ 3GHz at sea level,VSWR1.0
Signal Delay Power Handling Environmental Data	
Signal Delay Power Handling Environmental Data Temperature Range	-40°C to +165°C
Signal Delay Power Handling Environmental Data	

CABLE ASSEMBLY DATASHEET

086 SERIES, SEMI-RIGID CABLE, SMA(MALE)- SSMA(MALE)

## Gwave

## GA710-SMMSSMAM-XXX

## **Cable Specifications**

Center Conductor	Silver plated copper	
Dielectric	Solid extruded PTFE	
Outer Conductor	Copper	
Capacitance(pF/m)	94	
Velocity of propagation(%)	70	
Min. bending radius(mm)	6	
Jacket Diameter(mm)	2.2	

## **Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	5GHz	10GHz	18GHz
GA710-SMMSSMAM-1000	1000±10	1.33	1.92	2.71	3.65
GA710-SMMSSMAM-500	500±5	0.785	0.95	1.42	2.15
GA710-SMMSSMAM-300	300±5	0.53	0.65	0.96	1.49
GA710-SMMSSMAM-200	200±5	0.404	0.51	0.74	1.16
GA710-SMMSSMAM-100	100±5	0.27	0.35	0.52	0.83

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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