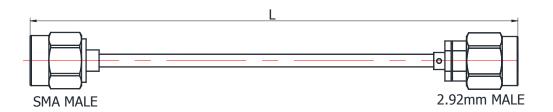
CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, SMA(MALE)- 2.92MM(MALE)

GA712-SMM292M-XXX



* Label and Shrinking tube design depend 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	2.92mm Male				
Connector 2 Body Style	Straight				
Body Material and Plating	Passivated Staindless Steel				
Connector 2 Mount Method	None				
Cable Type	GUT-085-Form-FEP				
Electrical Specifications					
Impedance	50 Ω				
Frequency	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				
Signal Delay	On request				
Power Handling	110watt @ 2GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +165°C				
2002/95/EC(RoHS)	Compliant				

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086 SERIES, SEMI-FLEX CABLE, SMA(MALE)- 2.92MM(MALE)

GA712-SMM292M-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid extruded PTFE			
Jacket	EPI205,Blue			
Capacitance(pF/m)	94			
Velocity of propagation(%)	70			
Min. bending radius(mm)	6			
Jacket Diameter(mm)	2.54			

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		3GHz	5GHz	10GHz
GA712-SMM292M-1000	1000±10	1.7	2.5	3.8
GA712-SMM292M-800	800±8	1.4	2.06	3.14
GA712-SMM292M-500	500±5	0.95	1.42	2.15
GA712-SMM292M-300	300±5	0.65	0.96	1.49
GA712-SMM292M-260	260±5	0.59	0.87	1.35
GA712-SMM292M-200	200±5	0.51	0.74	1.16

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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