| 086 SERIES, SEMI-FLEX CABLE , SSMC(FEMALE)- GPO(SMP)(FEMALE) | **GA712-SSMCFGPF-XXX** |

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SSMC FEMALE   GPO FEMALE

* Label and Shrinking tube design depend on customer's request.

Configuration

Connector 1 Type	SSMC Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPO(SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085-Form-FEP

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 to 6 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	89Watt @ 3GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

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
GA712-SSMCFGPF-1000	1000±15	1.33	1.92
GA712-SSMCFGPF-500	500±10	0.785	0.95
GA712-SSMCFGPF-300	300±10	0.53	0.65
GA712-SSMCFGPF-200	200±10	0.404	0.51
GA712-SSMCFGPF-100	100±10	0.27	0.35

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