



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

Configuration

Connector 1 Type	SSMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPO(SMP) Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.35 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	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	None
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 \leq (dB)			
		3GHz	5GHz	10GHz	18GHz
GA711-SSMAMGPWF-1000	10000 \pm 50	13.2	16.5	24.5	34.6
GA711-SSMAMGPWF-1000	1000 \pm 10	1.4	1.7	2.5	3.8
GA711-SSMAMGPWF-800	800 \pm 8	1.16	1.4	2.06	3.14
GA711-SSMAMGPWF-500	500 \pm 5	0.785	0.95	1.42	2.15
GA711-SSMAMGPWF-300	300 \pm 5	0.53	0.65	0.96	1.49
GA711-SSMAMGPWF-260	260 \pm 5	0.48	0.59	0.87	1.35
GA711-SSMAMGPWF-200	200 \pm 5	0.404	0.51	0.74	1.16
GA711-SSMAMGPWF-170	170 \pm 5	0.36	0.46	0.67	1.06
GA711-SSMAMGPWF-150	170 \pm 5	0.33	0.43	0.62	0.99
GA711-SSMAMGPWF-130	130 \pm 5	0.31	0.40	0.58	0.93
GA711-SSMAMGPWF-100	100 \pm 5	0.27	0.35	0.52	0.83
GA711-SSMAMGPWF-90	90 \pm 5	0.24	0.31	0.47	0.74

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