



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

Configuration

Connector 1 Type	GH-ZGJ8Schem.Ni
Connector 1 Body Style	Straight
Body Material and Plating	Chemical nickel
Connector 1 Mount Method	Straight
Connector 1 Docking End Model	GH-ZWGJ8Schem.Ni & GH-ZGJ8Schem.Ni
Connector 2 Type	SSMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Stainless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 35GHz
Return Loss/VSWR	1.35 to 20GHz
Shielding Effectiveness	<-100dB @ 1GHz
Power Handling	90watt @ 4GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-55°C to +85°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	e PTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		5GHz	10GHz	20GHz
GAM8U2-TGJ8SchemNiSSMAM-1000	1000±10	1.7	2.5	3.62
GAM8U2-TGJ8SchemNiSSMAM-800	800±8	1.4	2.06	3.04
GAM8U2-TGJ8SchemNiSSMAM-500	500±5	0.95	1.38	2.05
GAM8U2-TGJ8SchemNiSSMAM-300	300±5	0.65	0.96	1.39
GAM8U2-TGJ8SchemNiSSMAM-260	260±5	0.59	0.87	1.25
GAM8U2-TGJ8SchemNiSSMAM-200	200±5	0.51	0.74	1.12
GAM8U2-TGJ8SchemNiSSMAM-100	100±5	0.35	0.52	0.73

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty or 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.