



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

Configuration

Connector 1 Type	GH-TGK8Schem.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

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