



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

## Configuration

Connector 1 Type	GH-TGK8Sct.P
Connector 1 Body Style	Straight
Body Material and Plating	Chemical nickel
Connector 1 Mount Method	Straight
Connector 1 Docking End Model	GH-ZGJ8TCt.P
Connector 2 Type	1.85mm 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 $\Omega$
Frequency	DC to 67GHz
Return Loss/VSWR	1.44 to 65GHz
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	40GHz	67GHz
GAM8U2-TGJ8Sct.P185M-1000	1000±10	1.7	2.5	3.62	5.32	6.35
GAM8U2-TGJ8Sct.P185M-800	800±8	1.4	2.06	3.04	4.42	5.16
GAM8U2-TGJ8Sct.P185M-500	500±5	0.95	1.38	2.05	2.98	3.38
GAM8U2-TGJ8Sct.P185M-300	300±5	0.65	0.96	1.39	2.06	2.19
GAM8U2-TGJ8Sct.P185M-260	260±5	0.59	0.87	1.25	1.92	1.95
GAM8U2-TGJ8Sct.P185M-200	200±5	0.51	0.74	1.12	1.54	1.60
GAM8U2-TGJ8Sct.P185M-100	100±5	0.35	0.52	0.73	1.12	1.01

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