



\*Dimensions are in mm

## 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	SMA 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 18GHz
Return Loss/VSWR	1.35 to 18GHz
Shielding Effectiveness	<-100dB @ 1GHz
Power Handling	89watt @ 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	LD 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)			
		3GHz	6GHz	10GHz	18GHz
GAM1U2-TGK8Schem.Ni01SMM-500	500±5	0.91	1.29	1.68	2.28

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