

CABLE ASSEMBLY DATASHEET

3506 SERIES, FLEXIBLE CABLE,
GH(MALE)- 2.4MM(MALE)

GAM8U2- TGJ8SCHEMNI24M-XXX

5.2
2.8
L

GH-TGK8Schem. Ni

CXN3506

2.4 Male

53.1
47.6
35
25
15
5

6.5

* 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	2.4mm 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 50GHz
Return Loss/VSWR	14dB to 50GHz
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

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Part Number	Length [mm]	Insertion Loss ≤(dB)			
		5GHz	10GHz	20GHz	40GHz
GAM8U2-TGJ8SchemNi24M-1000	1000±10	1.7	2.5	3.62	5.32
GAM8U2-TGJ8SchemNi24M-800	800±8	1.4	2.06	3.04	4.42
GAM8U2-TGJ8SchemNi24M-500	500±5	0.95	1.38	2.05	2.98
GAM8U2-TGJ8SchemNi24M-300	300±5	0.65	0.96	1.39	2.06
GAM8U2-TGJ8SchemNi24M-260	260±5	0.59	0.87	1.25	1.92
GAM8U2-TGJ8SchemNi24M-200	200±5	0.51	0.74	1.12	1.54
GAM8U2-TGJ8SchemNi24M-100	100±5	0.35	0.52	0.73	1.12

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