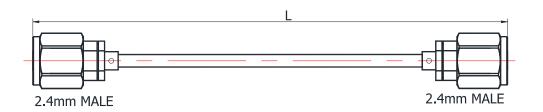
#### CABLE ASSEMBLY DATASHEET



# 405 SERIES, FLEXIBLE CABLE, 2.4MM(MALE)- 2.4MM(MALE)

### **GAH71-24M24M-XXX**



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

Configuration					
Connector 1 Type	2.4mm Male				
Connector 1 Body Style	Straight				
Body Material and Plating	Passivated Staindless Steel				
Connector 1 Mount Method	None				
Connector 2 Type	2.4mm Male				
Connector 2 Body Style	Straight				
Body Material and Plating	Passivated Staindless Steel				
Connector 2 Mount Method	None				
Cable Type	405 Series				
Electrical Specifications					
Impedance	50 Ω				
Frequency	DC to 50 GHz				
Return Loss/VSWR	1.44 to 50 GHz				
Phase Stability vs. Flexure	N/A				
Amplitude Stability	N/A				
Shielding Effectiveness	<-100dB @ 1GHz				
Phase Matching	On request				
Signal Delay	On request				
Power Handling	110watt @ 2GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +165°C				
2002/95/EC(RoHS)	Compliant				

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#### CABLE ASSEMBLY DATASHEET



## 405 SERIES, FLEXIBLE CABLE, 2.4MM(MALE)- 2.4MM(MALE)

#### **GAH71-24M24M-XXX**

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid PTFE			
Jacket	FEP			
Capacitance(pF/m)	96.1			
Velocity of propagation(%)	70			
Min. bending radius(mm)	6.35			
Jacket Diameter(mm)	2.64±0.13			

#### **Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		5GHz	10GHz	20GHz	40GHz
GAH71-24M24M-1000	1000±10	1.7	2.5	3.8	6.9
GAH71-24M24M-800	800±8	1.4	2.06	3.14	5.66
GAH71-24M24M-600	600±6	1.09	1.64	2.48	4.32
GAH71-24M24M-500	500±5	0.95	1.42	2.15	3.82
GAH71-24M24M-300	300±5	0.65	0.96	1.49	2.56
GAH71-24M24M-260	260±5	0.59	0.87	1.35	2.31
GAH71-24M24M-200	200±5	0.51	0.74	1.16	1.94
GAH71-24M24M-100	100±5	0.35	0.52	0.83	1.32

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

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