



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

### Configuration

Connector 1 Type	2.92mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	2.92mm 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 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	1.44 to 40 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 +125°C
2002/95/EC(RoHS)	Compliant

**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)	2.54±0.13

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		5GHz	10GHz	20GHz	40GHz
GAF71-292M292M-1000	1000±10	1.7	2.5	3.8	6.9
GAF71-292M292M-800	800±8	1.4	2.06	3.14	5.66
GAF71-292M292M-600	600±6	1.09	1.64	2.48	4.32
GAF71-292M292M-500	500±5	0.95	1.42	2.15	3.82
GAF71-292M292M-300	300±5	0.65	0.96	1.49	2.56
GAF71-292M292M-260	260±5	0.59	0.87	1.35	2.31
GAF71-292M292M-200	200±5	0.51	0.74	1.16	1.94
GAF71-292M292M-100	100±5	0.35	0.52	0.83	1.32

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