



2.4mm Male

GPPO Female

* 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 Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO(MINI-SMP) Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GT3657

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
Return Loss/VSWR	10dB
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request

Environmental Data

Temperature Range	-40°C to +125°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Sliver Plated Copper
Dielectric	ePTFE
Jacket	Gray PFA
Velocity of propagation(%)	75
Min. bending radius(mm)	8
Jacket Diameter(mm)	1.5

Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12V-24MGPPWF-100	100 $\pm$ 5	0.55	0.77	1.35	2.03
GAU12V-24MGPPWF-200	200 $\pm$ 5	0.74	1.06	1.85	2.79
GAU12V-24MGPPWF-300	300 $\pm$ 5	0.94	1.34	2.35	3.55
GAU12V-24MGPPWF-500	500 $\pm$ 5	1.34	1.90	3.35	5.07
GAU12V-24MGPPWF-1000	1000 $\pm$ 10	2.33	3.32	5.84	8.87

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