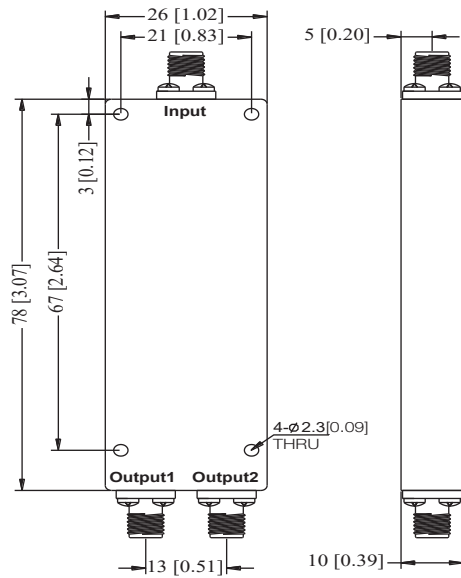


Coaxial 1 40GHz 0° 2 Way Power Divider



All Dimensions in mm (inches) Tolerance+/- 0.2(0.008)

Parameters		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range		1		12.4	12.4		26.5	26.5		40	GHz
Nominal Splitter Loss			3			3			3		dB
Insertion Loss			0.8	1.2		1.3	1.8		1.8	2.2	dB
Isolation		15	19		15	18		15	18		dB
Input VSWR			1.5	2.0		1.6	1.8		1.5	1.8	: 1
Output VSWR			1.4	1.7		1.4	1.7		1.4	1.7	: 1
Amplitude Imbalance			0.2	0.3		0.4	0.5		0.4	0.5	dB
Phase Imbalance			4	5		5	6		6	8	deg
Power Rating	Forward Power	20									W
	Reverse Power	0.5									W
	Peak Power	200									W
Impedance		50									Ohms
Weight		2.12									ounces
Input / Output Connectors		2.92mm-Female									
Material		Aluminum									
Finishing		Gray Paint									

Environmental Specifications

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40c
Shock	20G for 11msec half sine wave,3 axis both directions