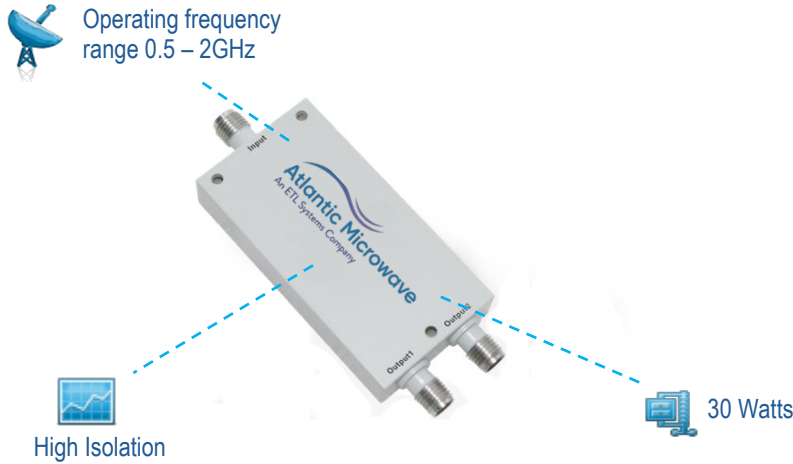


Coaxial Power Divider—2 Way 0.5 - 2GHz

- 0.5 - 2GHz
- High power handling capability up to 30W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Stable performance over temperature



RF Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.
Frequency Range (GHz)	0.5		1	1		2
Nominal Splitter Loss (dB)		3			3	
Insertion Loss (dB)		0.3	0.4		0.4	0.5
Isolation (dB)	20	22		20	24	
Input VSWR (:1)		1.2	1.25		1.2	1.25
Output VSWR (:1)		1.15	1.2		1.15	1.2
Amplitude Balance (dB)		0.1	0.2		0.15	0.2
Phase Balance (deg)		1	2		1	2
Impedance	50 Ohms					
Input / Output Connectors	SMA Female					
Size (excl connectors)	54mm x 28mm x 10mm					
Finish	Grey Paint					
Weight (ounces)	1.8					

Environmental	
Operating Temperature	-45°C to +85°C
Storage Temperature	-55°C to +125°C
Altitude	30,000 feet (Epoxy Sealed Controlled Environment)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95% RH at 40°C
Shock	20g for 11msec half sine wave, 3 axis both directions

Power		
Power Rating	Forward Power	30 W
	Reverse Power	1 W
	Peak Power	300 W

Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified

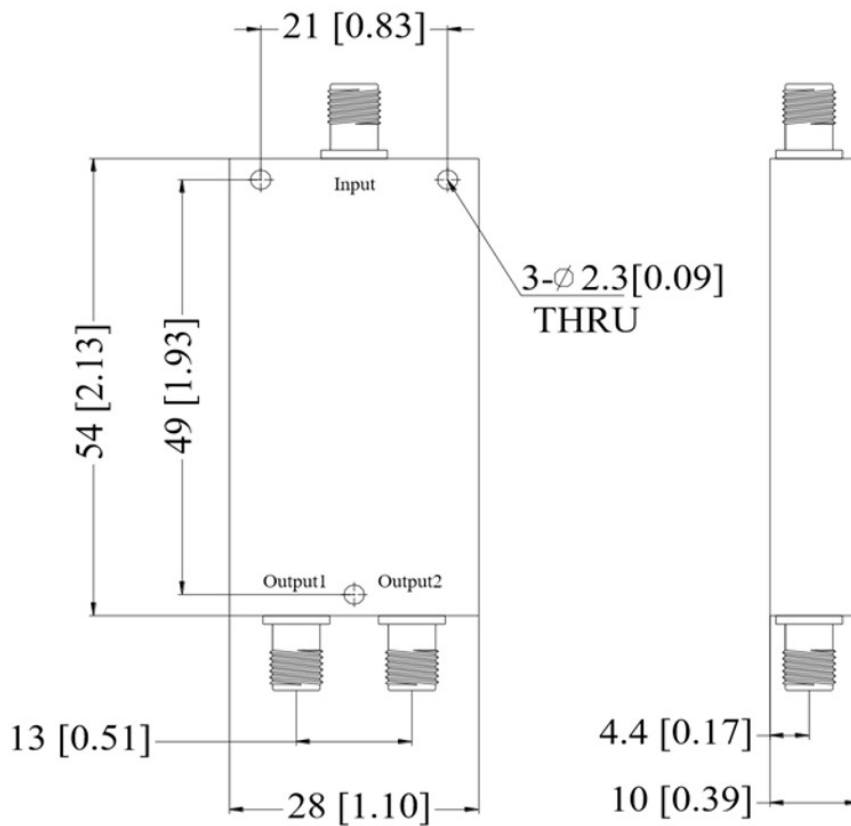
Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.



Outline Drawing

All dimensions in mm (inches)
Tolerance +/-0.25 (0.01)



Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified

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