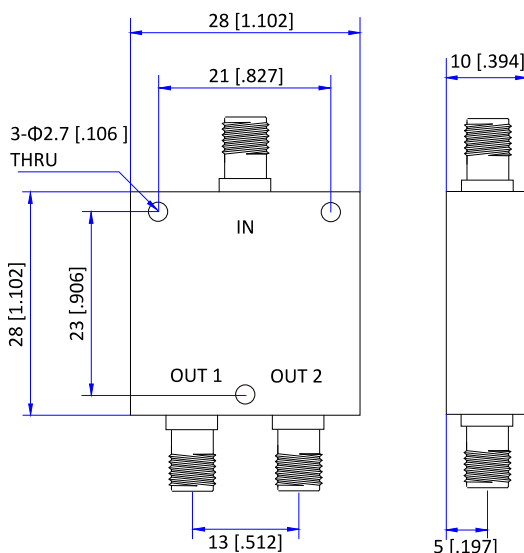


FS2PD1-2-500-S

2-Way Power Divider / Combiner, 1W, 0.002-0.5GHz, SMA(f)

Electrical Specifications		
1	Frequency Range	0.002-0.5 GHz
2	Impedance	50 Ω
3	Insertion Loss	1.0 dB Max. (<i>Above 3.01 dB Theoretical Loss</i>)
4	Isolation	22 dB Min. (25 dB Typ.)
5	Input VSWR	1.25:1 Max.
6	Output VSWR	1.25:1 Max.
7	Phase Balance	$\pm 3^\circ$ Max.
8	Amplitude Balance	± 0.3 dB Max.
9	Power Handling @ Common Port	1 W CW (Divider Mode)
10	Power Handling @ Common Port	0.5 W CW (Combiner Mode)
Environmental Specifications		
1	Operating Temperature	-35°C ~ +75°C
Mechanical Specifications		
1	Connectors	SMA-Female
2	Surface Finish	Black Paint
3	Dimensions ¹	28x28x10mm [1.102x1.102x0.394 in]
4	Weight	Approx. 21 g

Outline Drawing (Dimension in mm [in], Tolerance: ± 0.3 mm [± 0.01 in])



Ordering Information:

Model: **FS2PD1-2-500-S**

Notes:

- 1: Dimensions do not include connectors.
- 2: All ports are DC-short to ground. DC feed is not permitted.