

2 Way Power Splitter/Combiner

PPS-2-13000-10-S



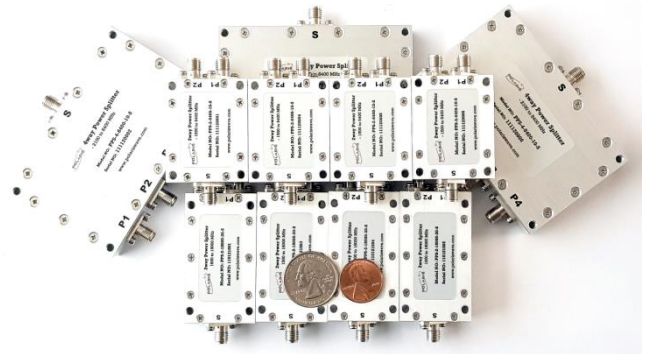
1500 to 13000 MHz, 0°, 50Ω

Features

- ❖ Ultra Wide Frequency Range
- ❖ Excellent Amplitude Unbalance
- ❖ Excellent Phase Unbalance
- ❖ Low Insertion Loss
- ❖ High Isolation
- ❖ Compact Size

Applications

- ❖ WiFi
- ❖ SATCOM & Defense Communications
- ❖ Mobile Communication Systems
- ❖ Instruments



Product Family



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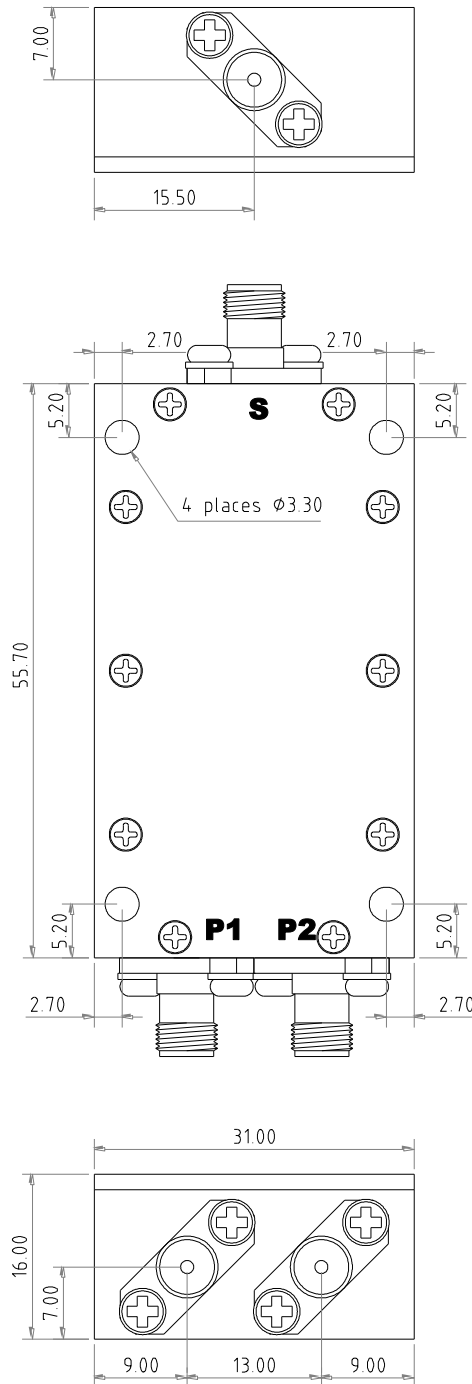
Specifications

Parameter		Unit	Min.	Typ.	Max.	Frequency (MHz)
Frequency Range		MHz	1500		13000	
Insertion Loss above 3.0 dB		dB	-	0.4 0.8	0.8 1.2	1500 – 8000 8000 – 13000
Isolation		dB	18 16	22 20	- -	1500 – 8000 8000 – 13000
Phase Unbalance		Degree	- -	1 2	4 5	1500 – 8000 8000 – 13000
Amplitude Unbalance		dB	- -	0.1 0.2	0.3 0.4	1500 – 8000 8000 – 13000
VSWR	Port S	:1	- -	1.3 1.5	1.6 1.8	1500 – 8000 8000 – 13000
	Port 1-2	:1	- -	1.3 1.5	1.6 1.8	1500 – 8000 8000 – 13000
Power Handling	As Splitter	W	-	-	10	
	As Combiner	W	-	-	1.0	
Operating Temperature		°C	-40		85	
Size (W x L x H)		mm	31.0 x 55.7 x 16.0			
Connectors	Sum Port	-	SMA-Jack			
	P1 – P2 Port	-	SMA-Jack			

Outline Drawing

1500 to 13000 MHz, 0°, 50Ω

Dimensions are in millimeters.



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