

2 Way Power Splitter/Combiner

PPS-2-8000-30-S



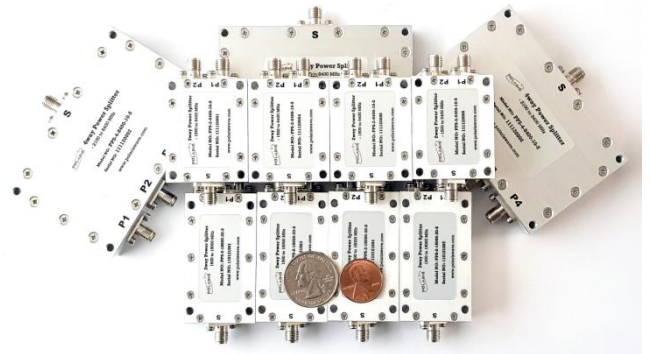
30W, 1500 to 8000 MHz, 0°, 50Ω

Features

- ❖ Wide Frequency Range
- ❖ Up to 30W Power Input as Splitter
- ❖ Excellent Amplitude Unbalance
- ❖ Excellent Phase Unbalance
- ❖ Low Insertion Loss
- ❖ High Isolation
- ❖ Compact Size

Applications

- ❖ WiFi
- ❖ Bluetooth
- ❖ Defense Communications
- ❖ SATCOM



Product Family



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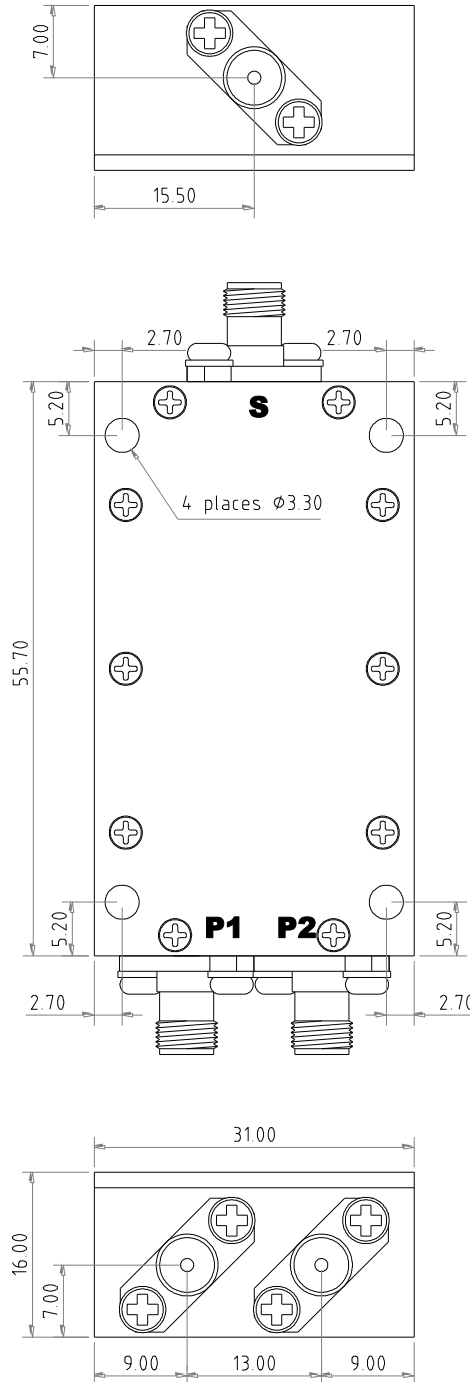
Specifications

Parameter	Unit	Min.	Typ.	Max.	Remarks
Frequency Range	MHz	1500		8000	
Insertion Loss above 3.0 dB	dB	-	0.4	0.8	
Isolation	dB	18	22	-	
Phase Unbalance	Degree	-	1	4	
Amplitude Unbalance	dB	-	0.1	0.3	
VSWR	Port S	:1	-	1.3	1.6
	Port 1-2	:1	-	1.3	1.6
Power Handling	As Splitter	W	-	-	30
	As Combiner	W	-	-	1.0
Operating Temperature		°C	-40	60	<30W
			-40	85	<10W
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

30W, 1500 to 8000 MHz, 0°, 50Ω

Dimensions are in millimeters.



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