

# 4 Way Power Splitter/Combiner

PPS-4-8400-10-S



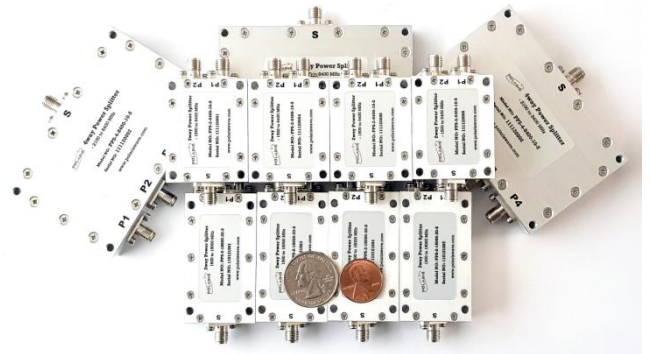
2100 to 8400 MHz, 0°, 50Ω

## Features

- ❖ Wide Frequency Range
- ❖ Low Insertion Loss
- ❖ Low Amplitude Unbalance
- ❖ Low Phase Unbalance
- ❖ Compact Size

## Applications

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



Product Family



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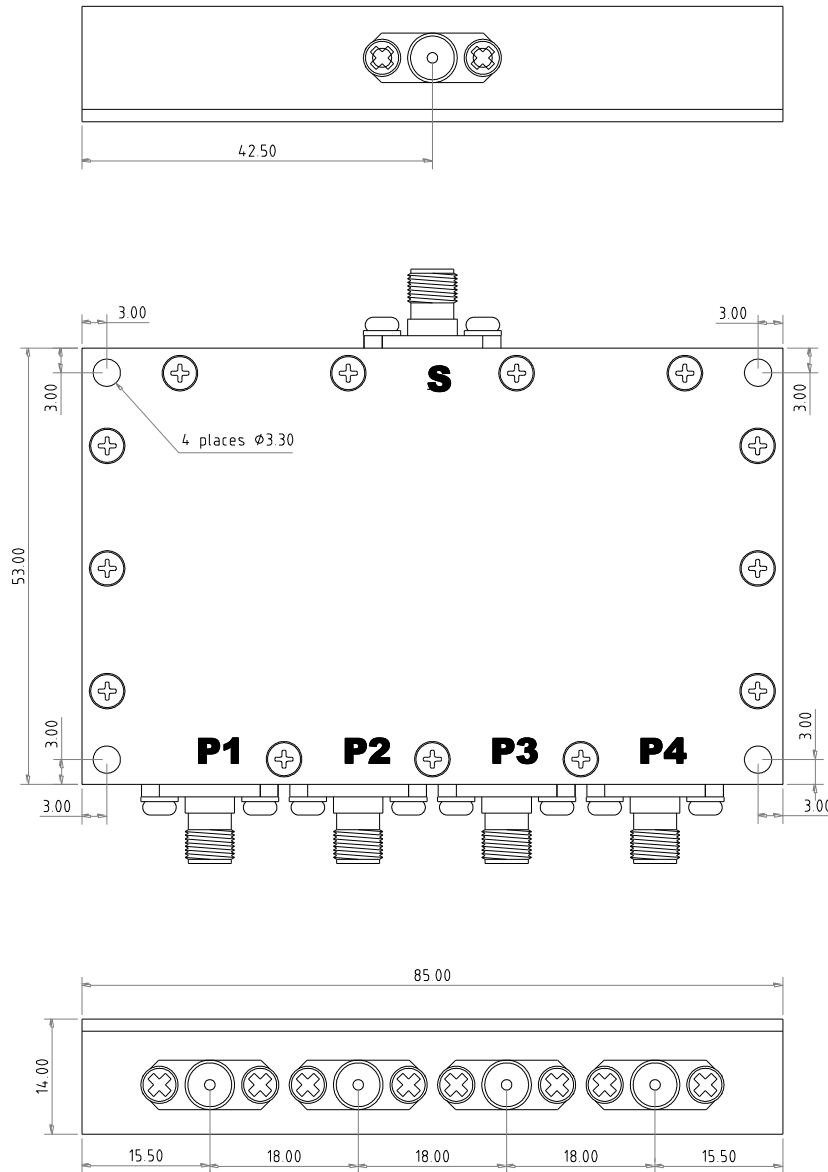
## Specifications

Parameter		Unit	Min.	Typ.	Max.	Frequency (MHz)
Frequency Range		MHz	2100		8400	
Insertion Loss above 6.0 dB		dB	-	0.6 0.7	1.3 1.5	2400 – 6800 2100 - 8400
Amplitude Unbalance		dB	-	0.3 0.5	0.8 1.0	2400 – 6800 2100 - 8400
Isolation		dB	16 12	24 22	- -	2400 – 6800 2100 - 8400
Phase Unbalance		Degree	-	4 5	8 9	2400 – 6800 2100 - 8400
VSWR	Port S	:1	-	1.6 1.6	- -	2400 – 6800 2100 - 8400
	Port 1-4	:1	-	1.4 1.4	- -	2400 – 6800 2100 - 8400
Power Input (as a splitter)		W	-	-	10	
Operating Temperature		°C	-40		85	
Size (W x L x H)		mm	53 x 85 x 14			
Connectors	Sum Port	-		SMA-Jack		
	P1 – P4 Port	-		SMA-Jack		

### Outline Drawing

2100 to 8400 MHz, 0°, 50Ω

Dimensions are in millimeters.



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