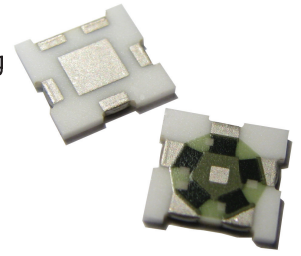


# IPS Series Four Way Thick Film Resistive Power Splitter

The IPS Series 12dB 50Ω power splitter is a simple, low-profile, space saving alternative to softboard solutions. They are ideal for nearly any low to medium power RF and Microwave application. Circuit construction is SMT on alumina and the device is fully symmetric. A microstrip version of this device is also available by contacting factory.



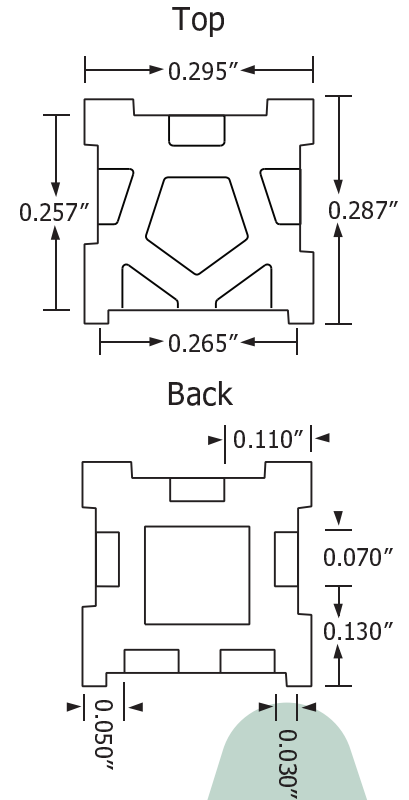
Please contact factory for other power ratios.

## IPS2522

Terminal Style:	Wraparound
Terminal Material:	Platinum Silver
Attachment:	Solder or Epoxy

## IPS Series 4-Way Specifications

Attenuation (by design):	12dB Even Split
Dimensions:	0.290" x 0.290" x 0.035"Max
Attenuation Accuracy (by design):	±0.7dB
Operating Frequency:	DC to 7GHz <sup>1</sup>
Input Power Rating <sup>2</sup> :	3W
Nominal VSWR (Max) <sup>1</sup> :	1.3:1
Impedance:	50Ω
Architecture:	Thick Film on 96% Alumina



**12dB**  
Even Split

**3W**  
Input Power

**0.7dB**  
Accuracy

### Ordering Information

Part # IPS2522-C  
-C= 50Ω Impedance

1. At the circuit level, with proper application of RF principles, this device, and it's variations, are capable of operating up to 7GHz with a manageable VSWR.
2. Baseplate temperature 100°C or less

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