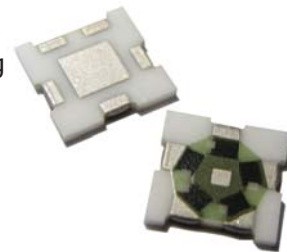


# IPS Series Four Way Thick Film Resistive Power Splitter

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

Power Split (by design):	12dB Each Output
Dimensions:	0.295" x 0.287" x 0.035"Max <sup>1</sup>
Amplitude Balance:	±0.7dB
Operating Frequency:	DC to 7GHz <sup>2</sup>
Input Power Rating <sup>3</sup> :	3W
Nominal VSWR:	1.3:1 Max
Impedance:	50Ω
Architecture:	Thick Film on 96% Alumina

**12dB**  
Each Output

**3W**  
Rated Power

**0.7dB**  
Amplitude  
Balance

### Ordering Information

IPS2522-C  
Part # \_\_\_\_\_ -C= 50Ω Impedance

1. Contact factory for detailed dimensional information
2. Proper implementation of RF design principles are required to assure optimal performance.
3. Baseplate temperature 100°C or less

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