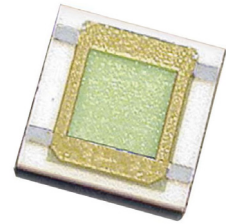


# 6GHz Quadrature

**ims**

## IMD 2297 Quadrature Hybrid Coupler

These products are offered for engineers and system designers who need exactitude and repeatability in performance with a true and consistent low insertion loss component, rather than settle for the uncertainties associated with a commodity type or LTCC device.

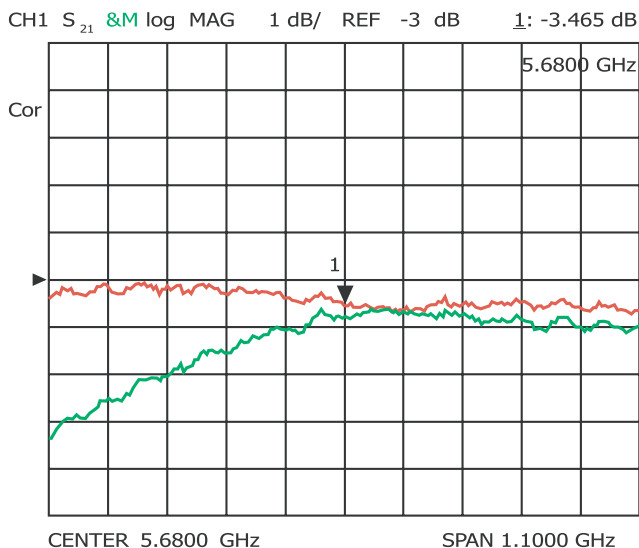


IMD2297	Specification
Frequency of Operation:	6 GHz
Bandwidth:	10%
VSWR:	1.25:1 or better*
Input Isolation:	18 dB or better
Typical Insertion Loss:	0.4dB
Phase Split:	+/- 3 degrees
Amplitude Split:	+/- .5dB
Size:	.322" X .322" X .025"
Input Power:	Up to 20W (depending on base plate temperature)
Substrate:	Alumina**

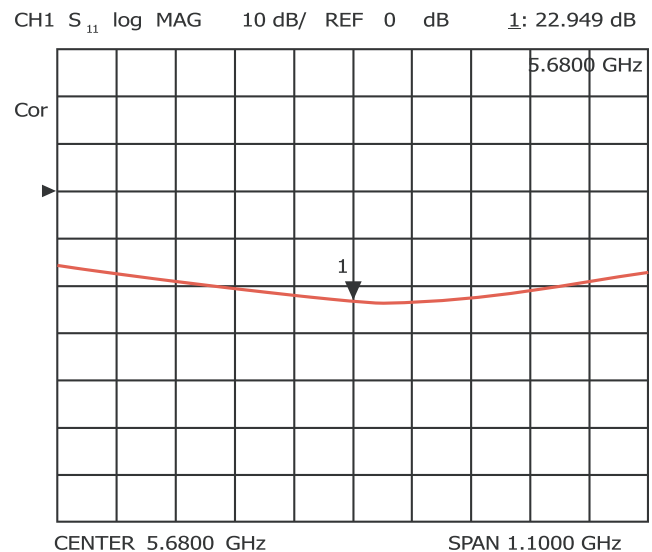
\*Mounted in a matched 50 Ohm system

\*\* other sizes and thickness available

### IMD2297 Power Split



### IMD2297 Return Loss



**See our website [www.ims-resistors.com](http://www.ims-resistors.com) for other options or contact our factory with your requirements!**

**International Manufacturing Services, Inc.**

50 Schoolhouse Ln., Portsmouth RI 02871 USA

Tel (401) 683-9700 • Fax (401) 683-5571 • e-mail: [ims@ims-resistors.com](mailto:ims@ims-resistors.com) • [www.ims-resistors.com](http://www.ims-resistors.com)