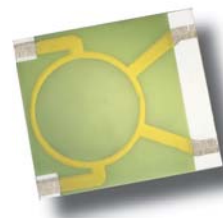


Thick Film Two Way Rat Race "Ring Hybrid" Divider

IMS has recently developed a high performance thick film Rat Race Power Divider. The unit shown is designed for 9 to 11 GHz operation and is of surface mount architecture. Dissipated loss is typically less than 0.3dB.



Alumina construction and high conductivity proprietary conductive films provide for a compact low loss device, which exhibits a high level of unit-to-unit performance repeatability.

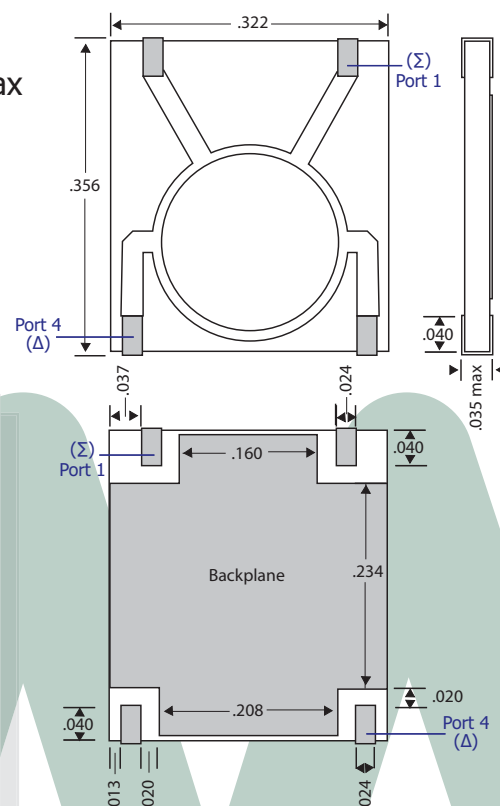
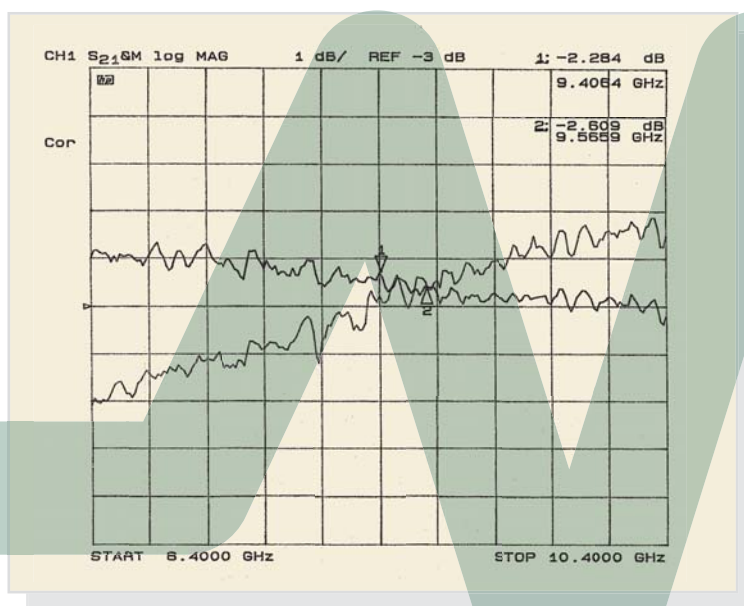
Generally, center frequency determines the size and the insertion loss of these devices.

Contact the factory with your requirements and your request will be converted into a quick and accurate quote or proposal.

IMD2417 Divider Specifications

Operating Frequency:	9 - 11GHz
Size:	.322" x .356" x .035" Max
Insertion Loss:	0.5dB or less
Input Isolation:	20dB or more
Phase Split:	+/- 5 degrees
Amplitude Split:	+/- 1.0dB
Input Power:	20W with a 100° C baseplate

IMD2417 Coupling Response

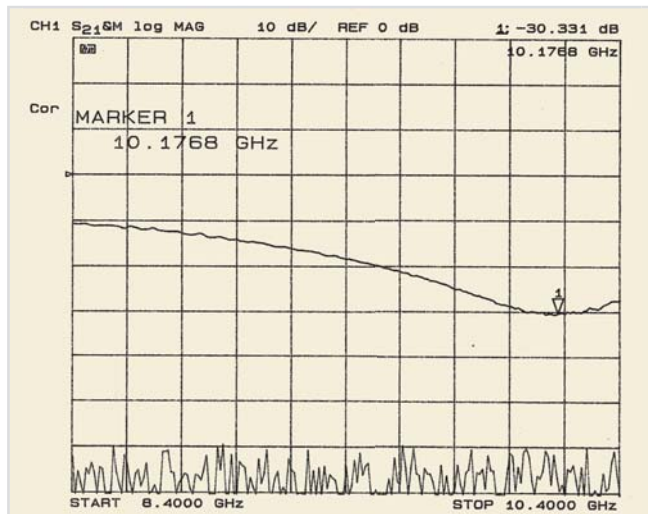


Tel (401) 683-9700
Fax (401) 683-5571
e-mail: ims@ims-resistors.com
<http://www.ims-resistors.com>

impossible made simple™

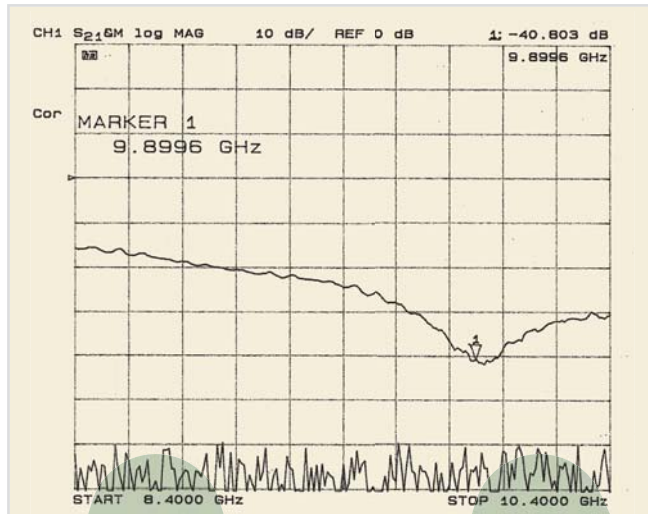
Ver 1 06/2007 Specifications Subject to Change Without Notice

IMD2417 Input Isolation



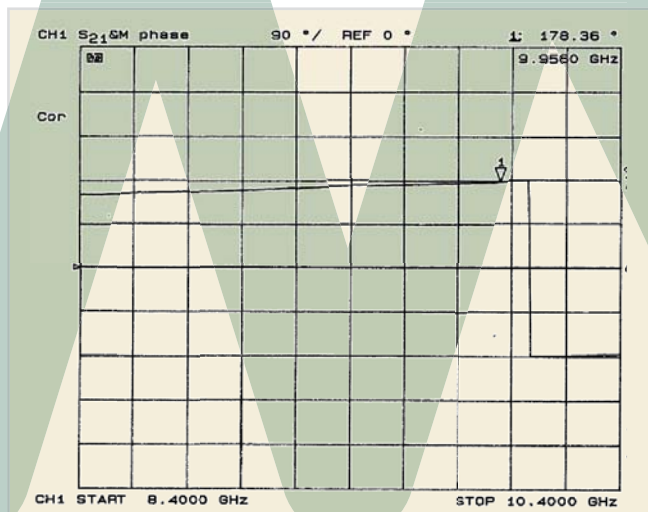
**Visit us on
the web!
www.ims-resistors.com**

IMD2417 Sum port - Difference Port Isolation



**Also see
our new
Wilkinson
Divider**

IMD2417 Phase Delta



ims International
Manufacturing
Services, Inc.

Tel (401) 683-9700
Fax (401) 683-5571
e-mail: ims@ims-resistors.com
<http://www.ims-resistors.com>