SWP-33350302-22-S1

SAGE

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WR-22 Waveguide Power Divider, 2 Way, 33 to 50 GHz

Description:

Model SWP-33350302-22-S1 is a Q band, 2-way power divider with a typical insertion loss of 0.3 dB across the frequency range of 33 to 50 GHz. The divider offers 20 dB isolation and well-balanced ports, which can be used for in-phase power dividing or combining. This power divider comes as a right-angle configuration with WR-22 waveguides and UG-383/U anti-cocking flanges at the input and all outputs.



Features:

- **Full band Performance**
- Low Insertion Loss
- **Excellent Port Balance**
- **High Isolation**
- Instrumentation Grade

Electrical Specifications:



- **Test Labs**
- Instrumentation
- Sub-assemblies

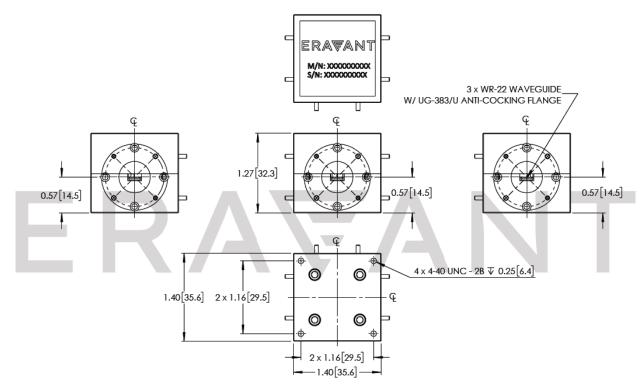
Parameter	Minimum	Typical	Maximum
Frequency	33 GHz		50 GHz
Insertion Loss		0.3 dB	
Isolation		20 dB	
Return Loss		20 dB	
Power Handling			50 W (CW)
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

ltem	Specification	
RF Ports	WR-22 Waveguide with UG-383/U Anti-Cocking Flange	
Material	Aluminum	
Finish	Gold Plated	
Weight	3.8 Oz	
Outline	WP-Q2-A	



www.eravant.com | 501 Amapola Ave, Torrance, CA 90501 Phone: 424-757-0168 | Fax: 424-757-0188 | Email: sales@eravant.com Mechanical Outline: (Unless otherwise specified, all dimensions are in inches [millimeters])



Note:

• Eravant reserves the right to change the information presented without notice.

Caution:

• Any foreign objects in the waveguide will degrade performance and/or damage the device.





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