

SWP-33350302-22-S1

Rev 1.0

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

Applications:

- Test Labs
- Instrumentation
- Sub-assemblies

Electrical Specifications:

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:

Item	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



