

FR051

WR-5.1 waveguide isolator



MicroHarmonics

Superior mm-Wave Components



- ◆ Lowest insertion loss
- ◆ Highest power rating
- ◆ Full band test data
- ◆ Full waveguide bandwidth
- ◆ Direct engineering support

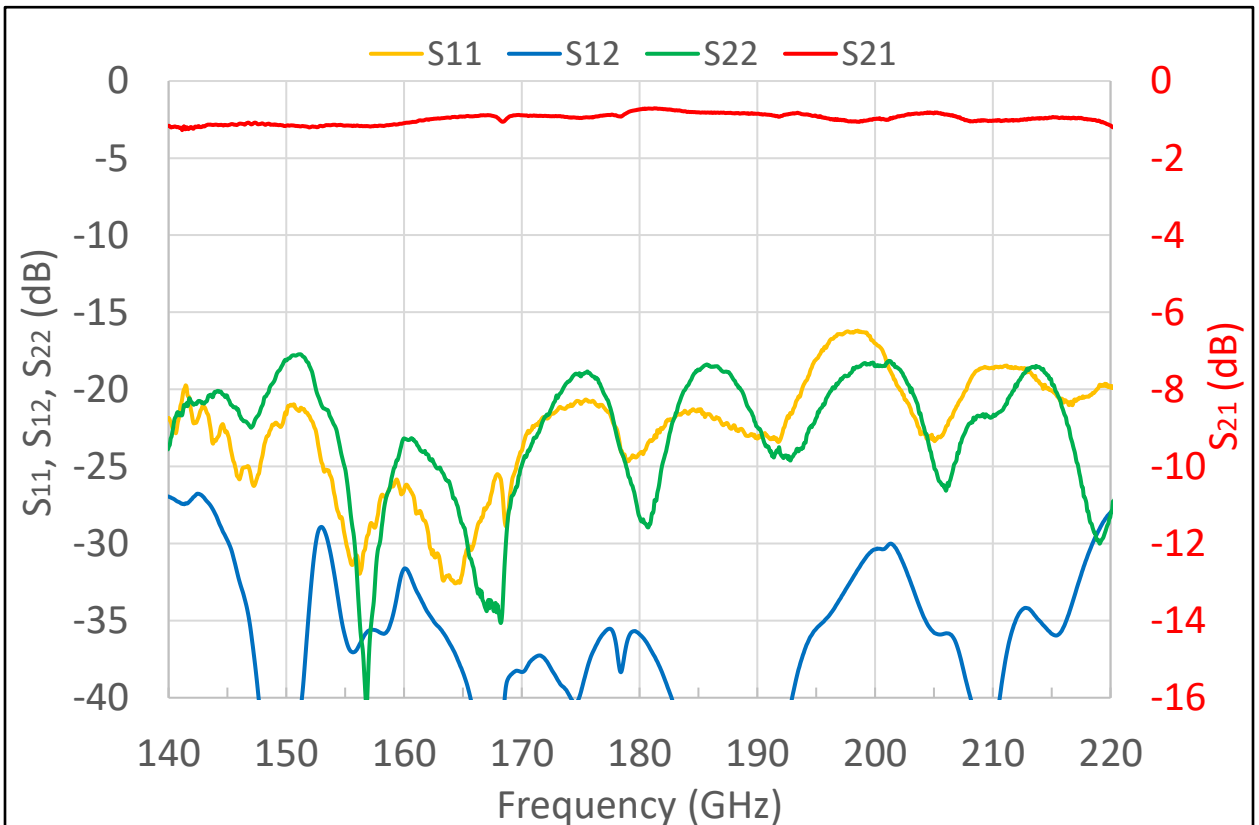
Mechanical Specifications

Flange	WR-5.1
	UG-387/UM
Weight	0.45 Oz 13 g

Electrical Specifications

Frequency	min-max	140-220 GHz
Insertion Loss	avg	1.1 dB
Insertion Loss	max	3.5 dB
Isolation	typ min	22 dB
Input RL	typ min	17 dB
Output RL	typ min	18 dB
VSWR	typ max	1.35:1
Reverse Power	max	31 dBm 1.3 W

Every isolator is tested on a vector network analyzer to verify performance, and the test data is provided.



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