

FR051C

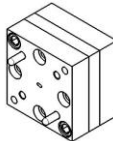
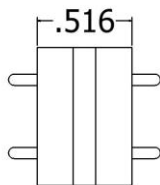
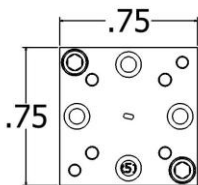
WR-5.1 cryogenic waveguide isolator



MicroHarmonics

Superior mm-Wave Components

- ◆ Anti-cocking waveguide flanges
- ◆ Comprehensive test data
- ◆ Optimized for cryogenics
- ◆ High isolation
- ◆ Compact size
- ◆ Lowest insertion loss
- ◆ Resist stray magnetic fields



Specifications

Flange	WR-5.1 UG-387/UM
Frequency (GHz)	140-220
Insertion Loss (dB, typ) @ 25K @ Room Temperature	0.8 1.0
Isolation (dB, typ min) @ 25K @ Room Temperature	20 15
Input RL (dB, typ min)	17
Output RL (dB, typ min)	17
VSWR (typ max)	1.3:1
Max Reverse Power (W)	0.4

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

