

FR280C

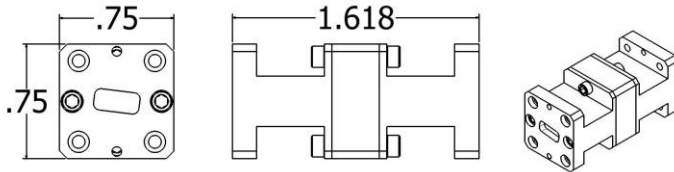
WR-28 cryogenic waveguide isolator



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
- ◆ Internal waveguide screw access



Specifications

Flange	WR-28 UG-599/U
Frequency (GHz)	26.5-40
Insertion Loss (dB, avg) @ 25K	0.6
@ Room Temperature	0.5
Isolation (dB, typ min) @ 25K	24
@ Room Temperature	19
Input RL (dB, typ min)	17
Output RL (dB, typ min)	17
VSWR (typ max)	1.35:1
Max Reverse Power (W)	1.2

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

