

FR028

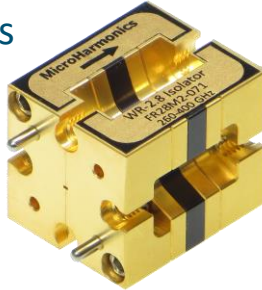
WR-2.8 waveguide isolator



MicroHarmonics

Superior mm-Wave Components

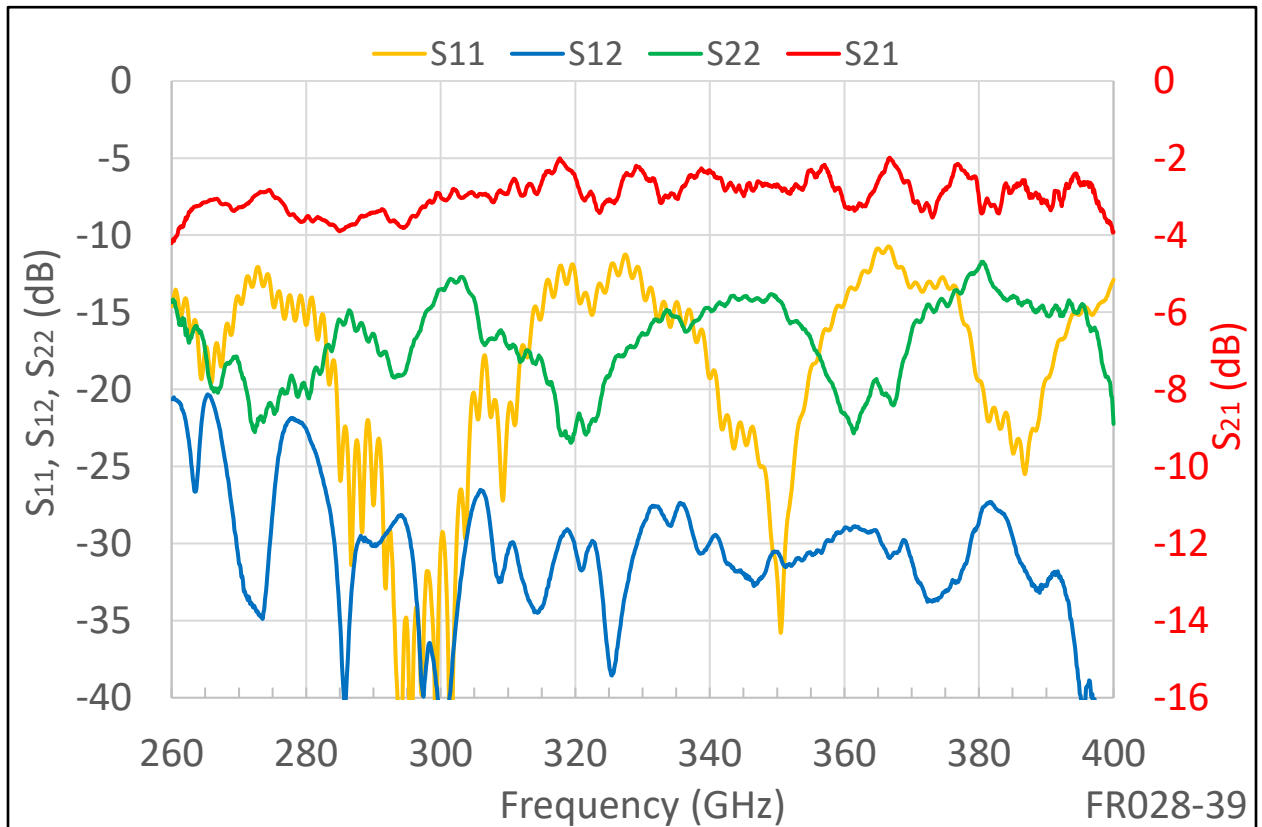
- ◆ Anti-cocking waveguide flanges
- ◆ Comprehensive test data
- ◆ Lowest insertion loss
- ◆ High isolation
- ◆ Compact size
- ◆ Diamond heatsinks
- ◆ Resist stray magnetic fields
- ◆ Internal waveguide screw access



Specifications

Flange	WR-2.8 UG-387/UM
Frequency (GHz)	260-400
Insertion Loss (dB, avg)	2.3
Insertion Loss (dB, max)	5.6
Isolation (dB, typ min)	20
Input RL (dB, typ min)	12
Output RL (dB, typ min)	12
VSWR (typ max)	1.75:1
Max Reverse Power (W)	0.4
Diamond Heatsink	Yes
Weight (Oz [g])	0.73 [21]

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

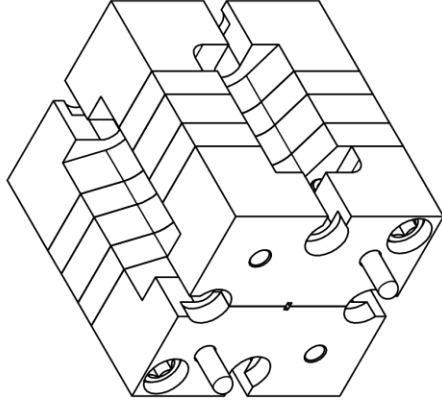
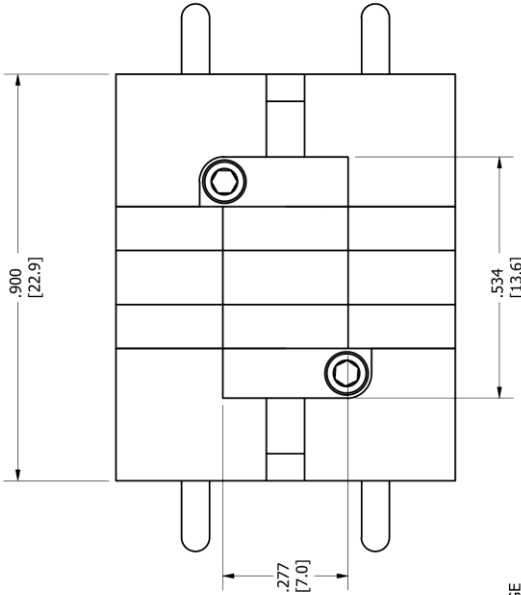
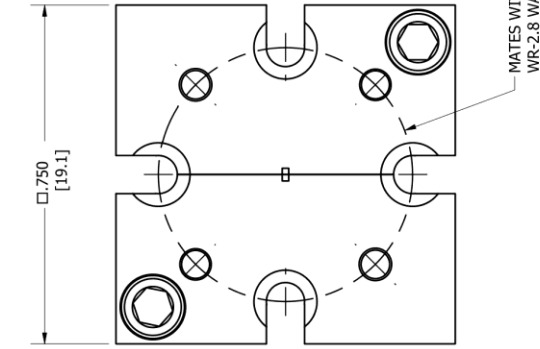


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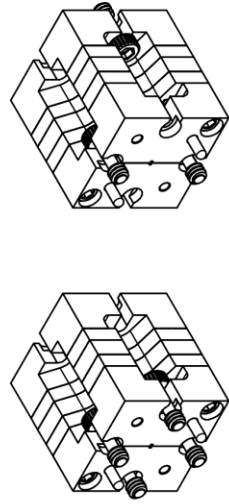
Proprietary - Micro Harmonics Corporation
Date 8/24/2023

REVISION HISTORY	
ZONE	DESCRIPTION
-	RELEASE TO CUSTOMER
A	UPDATED TEMPLATE, ADDED WEIGHTS

DATE	APPROVED
2/20/2024	SCS
8/26/2024	SCS



THIS DEVICE ALLOWS FOR INTERNAL WAVEGUIDE SCREW ACCESS AS DEMONSTRATED BELOW



PART NUMBER / DESCRIPTION	
FR028-Dimension Drawing	
PAGE NUMBER	1 of 1
DRAWN BY:	SCS
SIZE:	B
DWG. UNITS:	INCHES
	[mm]
APPROVAL	JTK - 2/20/2024
COMPONENT WEIGHT	20.7 GRAMS
	.73 OUNCES

Micro Harmonics Corporation
20 S Roanoke St, Ste 202
Fincastle, VA 24090
ph. 540.473.9983
fax 844.449.1561

REV:	A