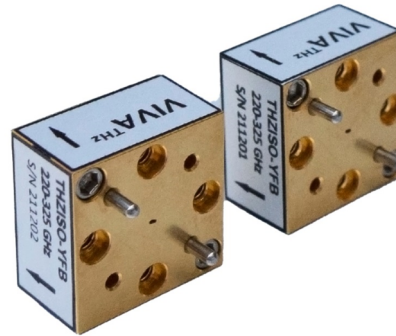


Isolators – 50-400 GHz Full Waveguide Bands

General Features

- Full band coverage
- Compact, low loss
- Lowest insertion loss in industry
- Low VSWR
- High isolation
- **Available up to 400 GHz**



Specifications

Model	Frequency (GHz)	Insertion Loss (dB); typical, max	Isolation (dB); typical	Waveguide, Flange
THZISO-VFB	50 – 75	1.3	> 20	WR 15, UG 385/U
THZISO-WFB	75 – 110	1.3	> 20	WR 10, UG387/U-M
THZISO-FFB	90 – 140	1.5	> 20	WR 08, UG 387/U-M
THZISO-DFB	110 – 170	0.8, 1.3 max	> 20	WR 06, UG 387/U-M
THZISO-GFB	140 – 220	1.5 typical, 2.3 max	> 20	WR 05, UG 387/U-M
THZISO-43FB	170 – 260	1.7 typical, 3.2 max	> 22	WR4.3, UG 387/U-M
THZISO-YFB	220 - 330	2.3 typical, 3.5 max	> 25	WR 3.4, UG 387/U-M
THZISO-28FB	260 - 400	3.8 typical, 5.6 max	> 25	WR 2.8, UG 387/U-M

Notes:

1. How to make a request: Select a model above, or provide required frequency range, insertion loss, isolation, and waveguide size, send email to: sales@vivatechthz.com
2. These compact isolators offer lower loss than conventional designs
3. **How to make a request:** specify Model number. Email to: sales@vivatechthz.com

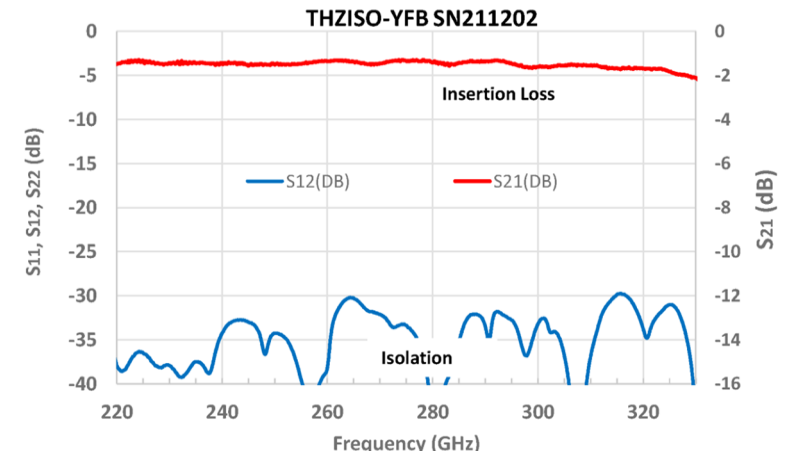


Figure 2 Insertion Loss & Isolation 220-330 GHz

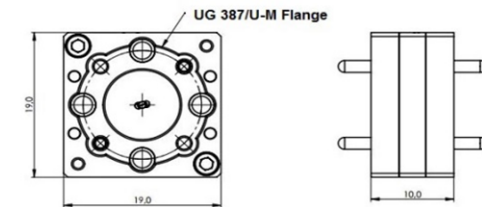


Figure 3 Outline dimensions 19 x 19 x 10 mm