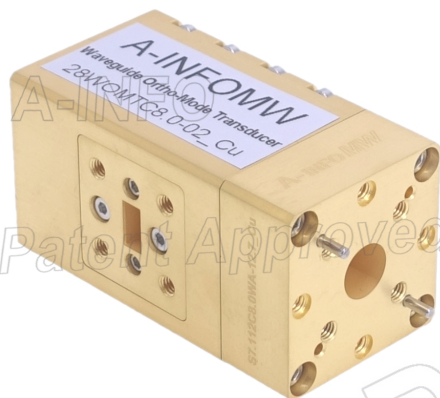


For reference only. See data sheet for the detailed specifications.

Technical Specification

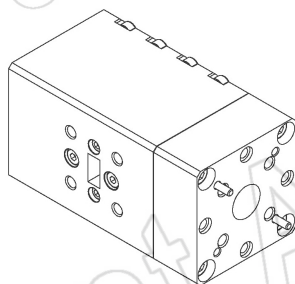
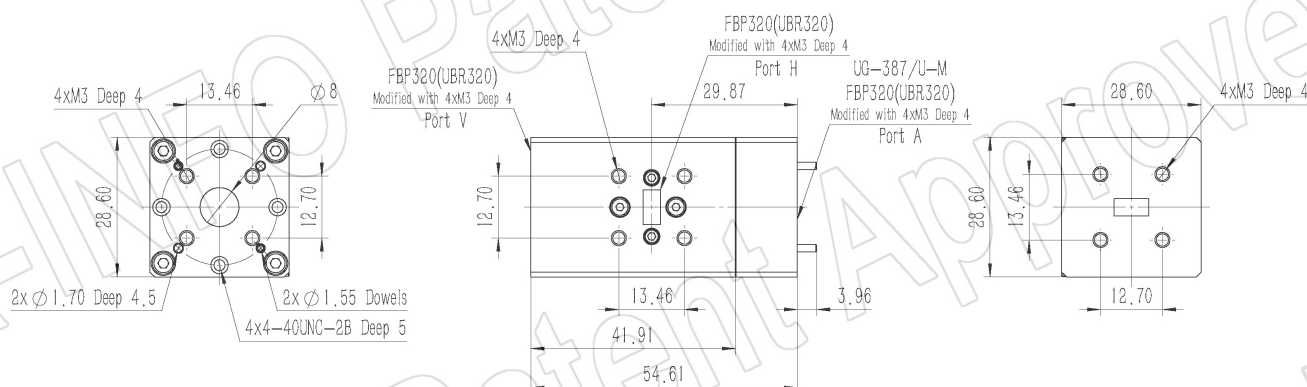


EIA WR	WR28
Frequency Range(GHz)	26.5 – 40.0
Bandwidth	Full
Common Port	8.0mm / 0.315" Circular WG
Insertion Loss(dB)	0.5 Max.
VSWR	1.50:1 Typ.
Cross Pol. Isolation(dB)	50 Typ.; 40 Min.
Port to Port Isolation(dB)	40 Min.
Common Port Flange	UG-381/U-M & FBP320(UBR320) (Modified with 4xM3 Deep 4)
Flange	FBP320(UBR320) (Modified with 4xM3 Deep 4)
Material	Cu
Finish	Gold Plated
Size(mm)	54.61 x 28.6 x 28.6
Net Weight(Kg)	0.33 Around

PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)



AINFO Inc.

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Technical drawing of a mechanical part, showing a top view and a side view. The top view is a rectangle with rounded corners, featuring four circular holes (4x $\phi 3$) arranged in a 2x2 grid. The side view shows a T-shaped profile with a central rectangular cutout. Dimensions are provided in millimeters (mm).

Top View Dimensions:

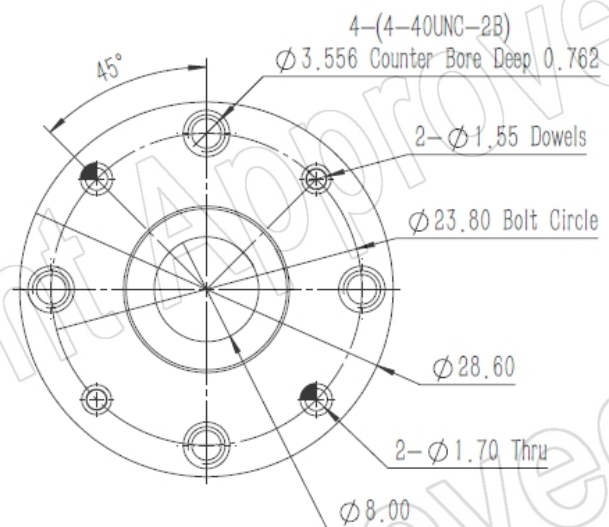
- Overall width: 19.1
- Distance between hole centers (horizontal): 12.7
- Overall height: 19.1
- Distance between hole centers (vertical): 13.46
- Distance from bottom edge to hole center (vertical): 7.112
- Hole diameter: $\phi 3$

Side View Dimensions:

- Overall height: 3
- Width of the central cutout: 12.7

Technical drawing of a shaft with the following dimensions and features:

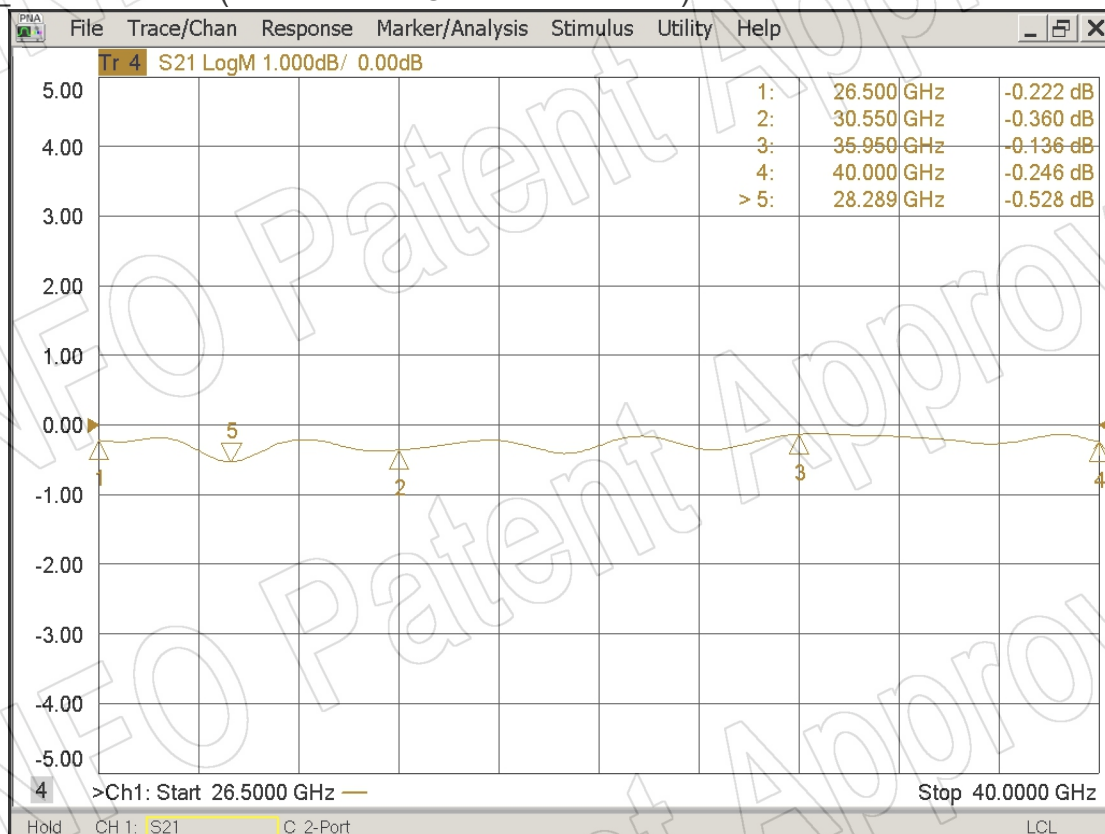
- Overall length: 6.35
- Top section diameter: $\Phi 11.90$
- Top section length: 4.064
- Top section chamfer: $0.4 \times 45^\circ$ Chamf
- Second section diameter: $\Phi 12.70$
- Second section length: 3.96
- Second section chamfer: $0.2 \times 30^\circ$ Chamf
- Bottom section diameter: $\Phi 11.90$
- Bottom section length: 12.70
- Bottom section chamfer: $0.4 \times 30^\circ$ Chamf



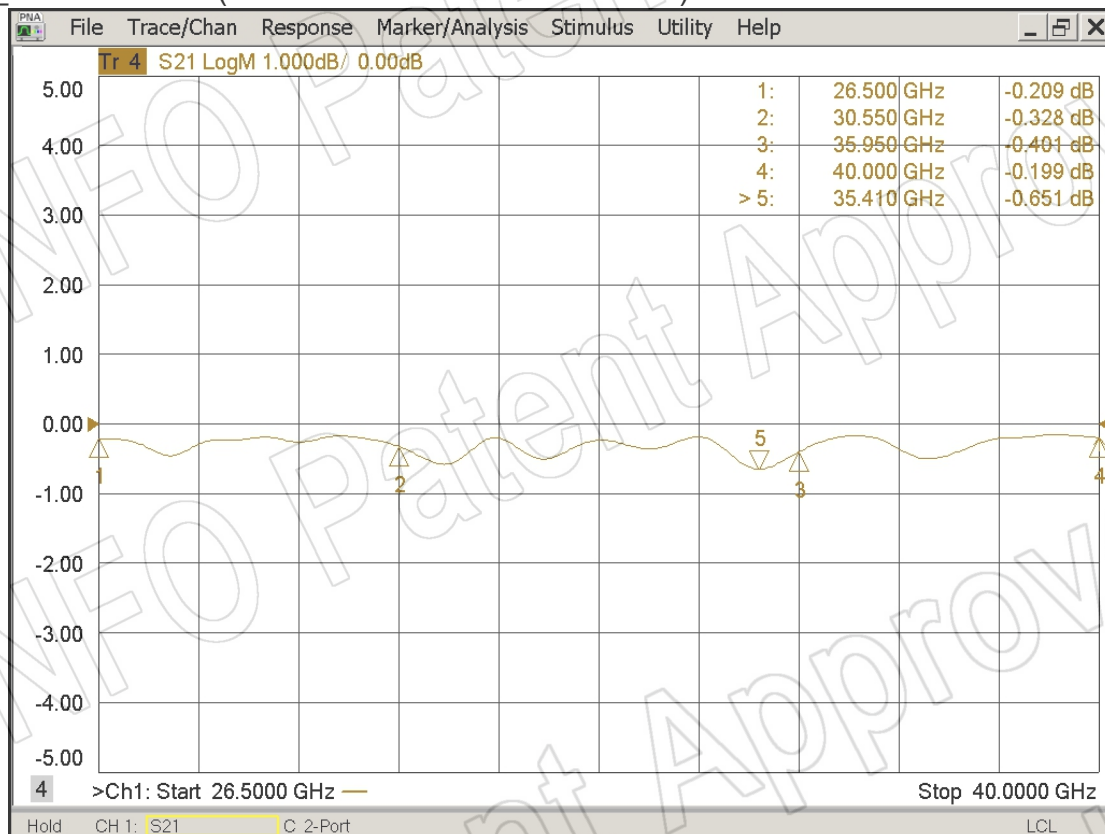
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

Test Results

Port H Insertion Loss(Test with two OMT back to back)



Port V Insertion Loss(Test with two OMT back to back)



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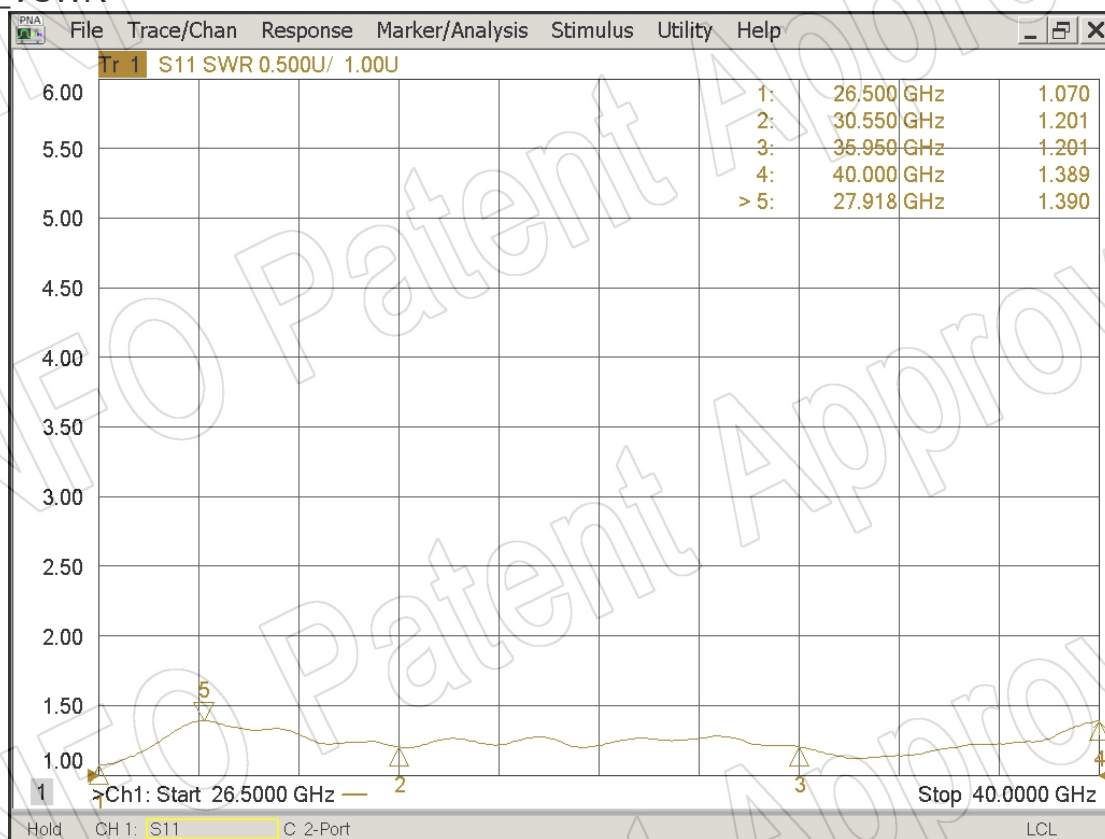
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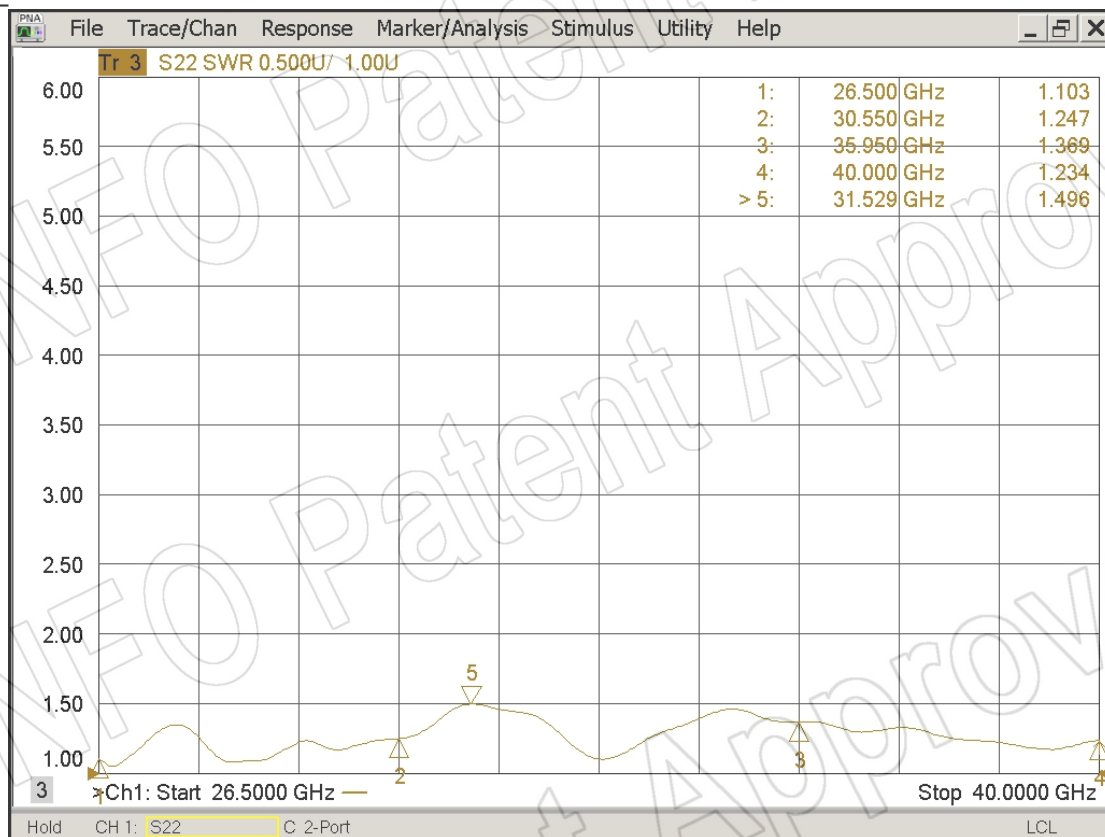
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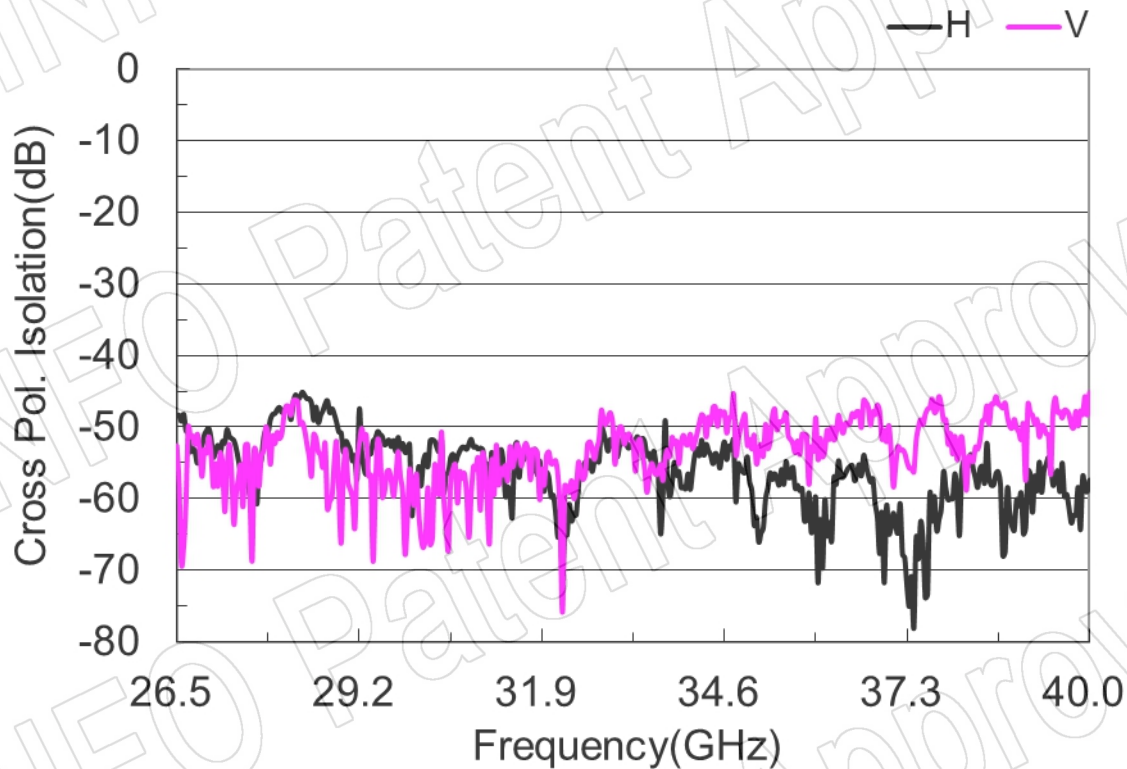
Port H VSWR



Port V VSWR



Cross Polarization Isolation



Port to Port Isolation

