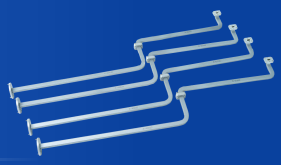
WR22 Waveguide Assembly
JL2.961.0099



Waveguide Assembly Technical Data Sheet

Features

- Q-band, 37 GHz to 50 GHz Frequency Range
- WR22 Waveguide Interface
- Full Series Coverage, Full Bandwidth
- Low Insertion Loss, Low VSWR
- Customization Supported

Applications

Test Benches	Satellite	Military and Space	Radar
Microwave Radio Systems		Communication Systems	

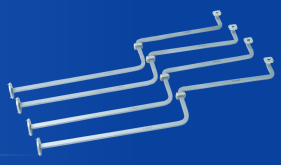
Description

Our waveguide assemblies are custom-engineered for high-frequency RF and microwave systems. They adopt precision-machined waveguide structures with standardized or customized flanges, featuring low insertion loss, high power handling and excellent VSWR performance. Available in straight, bent, stepped and sealed configurations, these assemblies support space-borne, radar and EW applications.

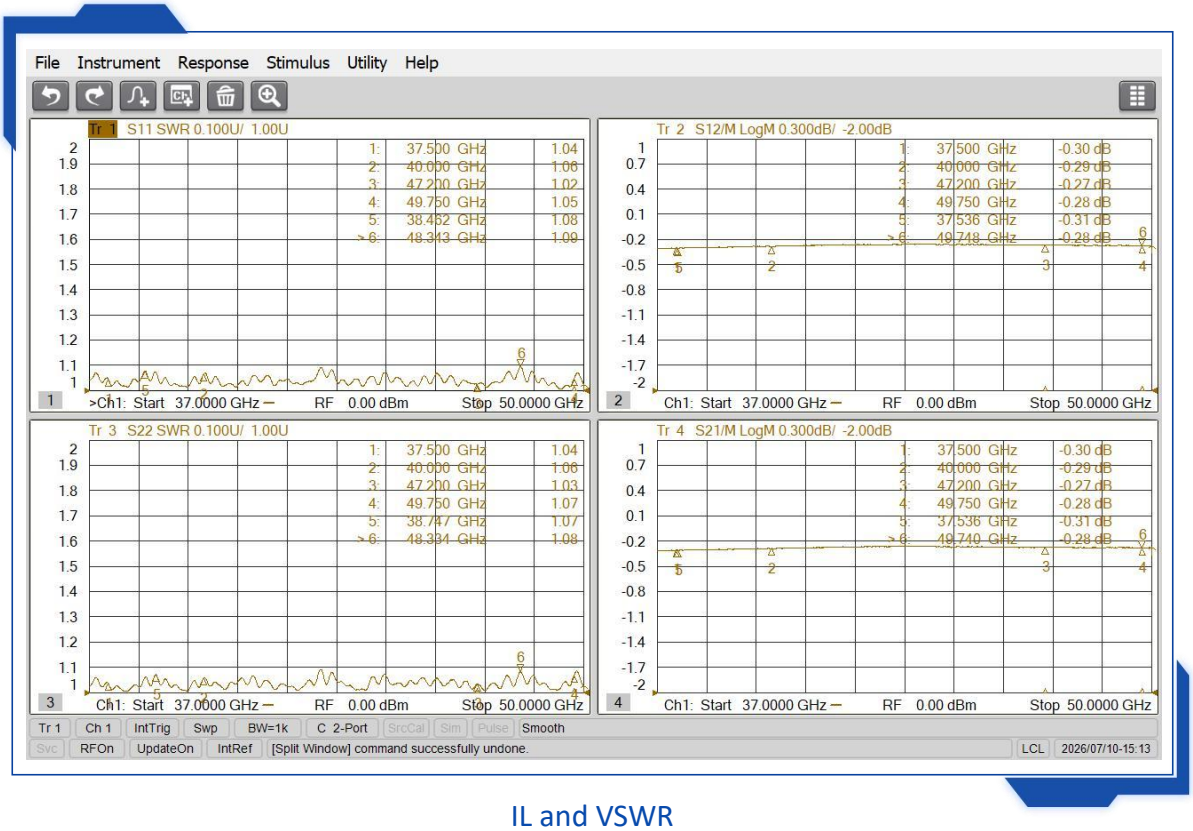
Technical Specifications

Parameters	Min.	Typ.	Max.	Units
Frequency Range	37		50	GHz
Insertion Loss			0.4	dB
VSWR			1.2:1	
Operating Temperature Range	-55		+85	˚C
RF Interface		WR22		

Notes:
Values at 25℃, sea level.

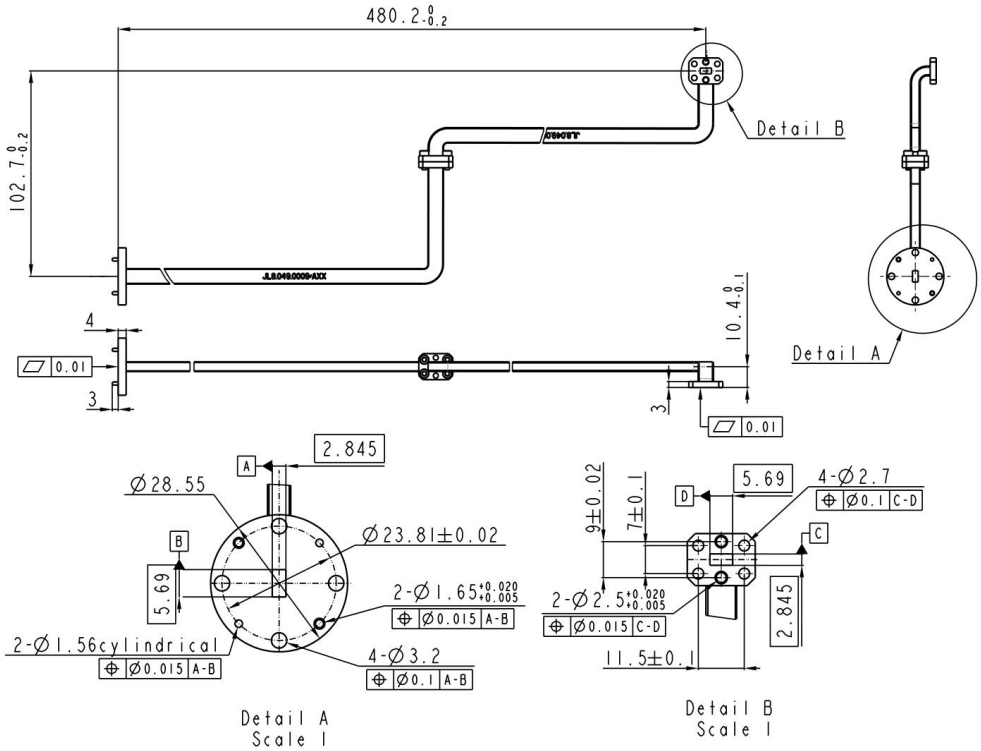


Typical Performances



IL and VSWR

Outline Drawing:



NOTES:

1.UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

2.ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

3.DIMENSIONS ARE IN mm.

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