

Features

- QV-band, 40~65 GHz Frequency Range
- Non-standard Waveguide Interface
- High power handling
- Low Insertion Loss
- Low VSWR
- Dual-channel

Applications

Test & Measurement

Satellite

Military and Space

Radar

Antenna Systems

Communication Systems

Description

The QV-band dual-path waveguide rotary joint is designed for spaceborne QV-band feed antenna systems. It enables efficient and stable transmission of microwave signals and features. The product is a custom waveguide flange.

Technical Specifications

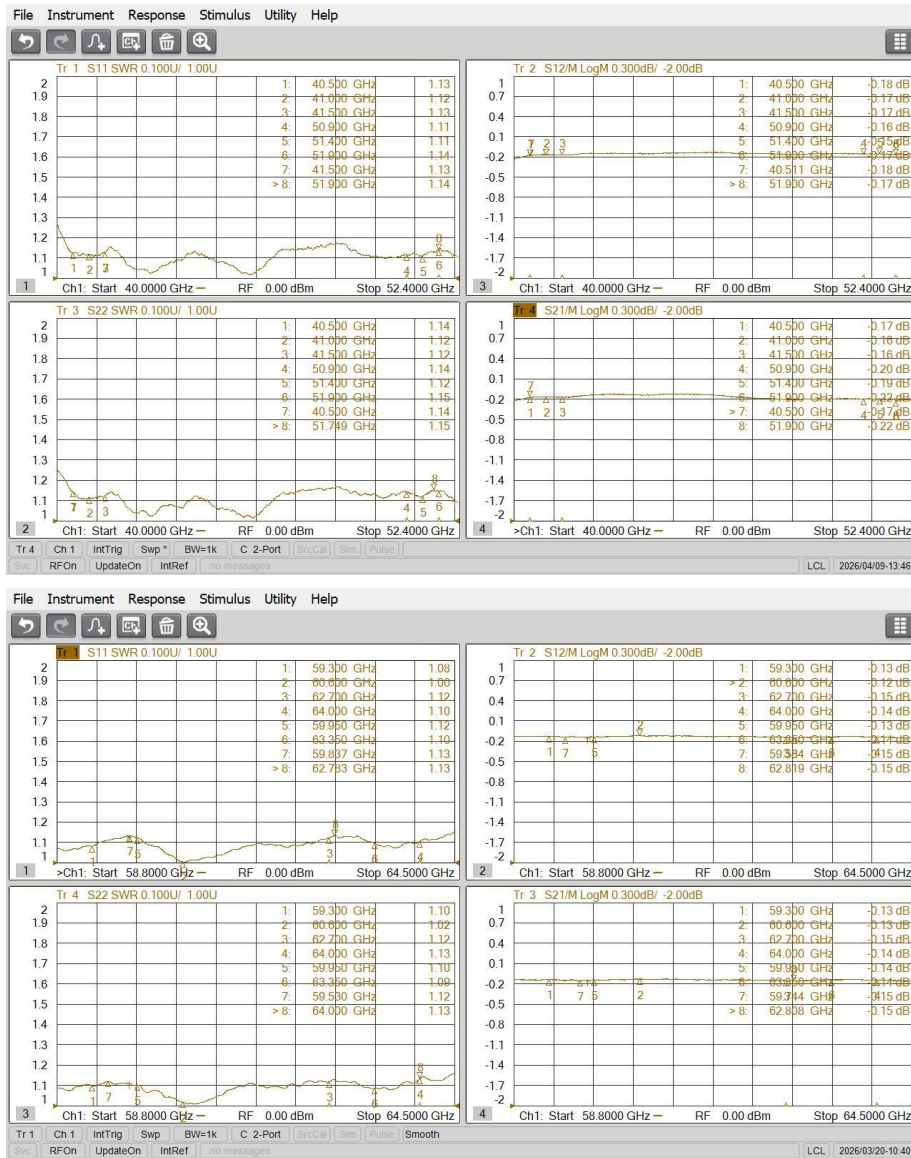
Parameters	Min.	Typ.	Max.	Units
Operating Frequency	40		65	GHz
Insertion Loss			0.3	dB
VSWR			1.25	
VSWR Variation			0.05	
Weight		80		g

Notes:

Values at 25°C, sea level.



Typical Performances



Performance Test Curve

E-Mail: sales@mwglobe.com

 西安星航通信科技有限公司 XI'AN SATNAVCOM TECHNOLOGY CO., LTD.	PART NAME		
	QV-band Waveguide Rotary Joint		
	JL2.966.0003	REV	DATE
		V1.0	2026.4.9
Tel: +86 135 1916 6509		SCALE 1:1	
Website: www.mwgglobe.com			
E-Mail: sales@mwgglobe.com			