

Rugged Straight Waveguide, 2.0inch Full W Band, 75-110GHz, WR-10

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Product Overview

AT Microwave provides rugged straight waveguide with high performance. RSW series Flanges are anti-cocking design for high precision test application.

AT Microwave offers straight waveguide covering 33-260GHz, with waveguide port from WR-22 to WR-04.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Rugged Application
- ✓ Low Insertion Loss
- ✓ Anti-cocking Design
- ✓ Low Cost, Fast Delivery

Application

- ✓ Labs Test
- ✓ Radar System
- ✓ High Performance Application

Key Features

Parameter	Min	Typical	Max
Passband Frequency	75GHz		110GHz
VSWR		1.15	
Length (note)		2.0 inch	
Insertion Loss		-0.5dB	-1.0dB

Note: Length can be customized according to request.

Mechanical Information

Item	Description
Input Port	WR-10, UG-387/U-M Flange with anti-cocking Flange
Output Port	WR-10, UG-387/U-M Flange with anti-cocking Flange
Case Material	Copper
Finish	Gold Plated
Weight	35g

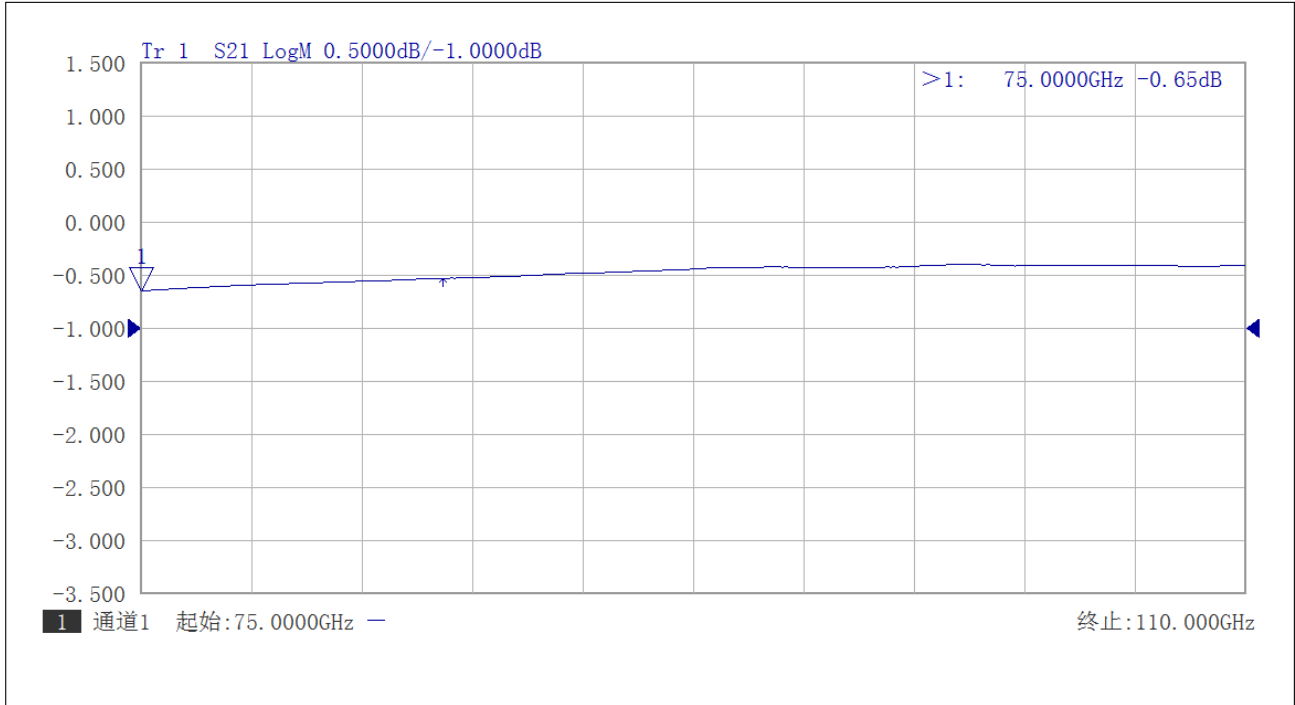




AT-RSW-2.0-WR10

WR-10 Rugged Straight Waveguide

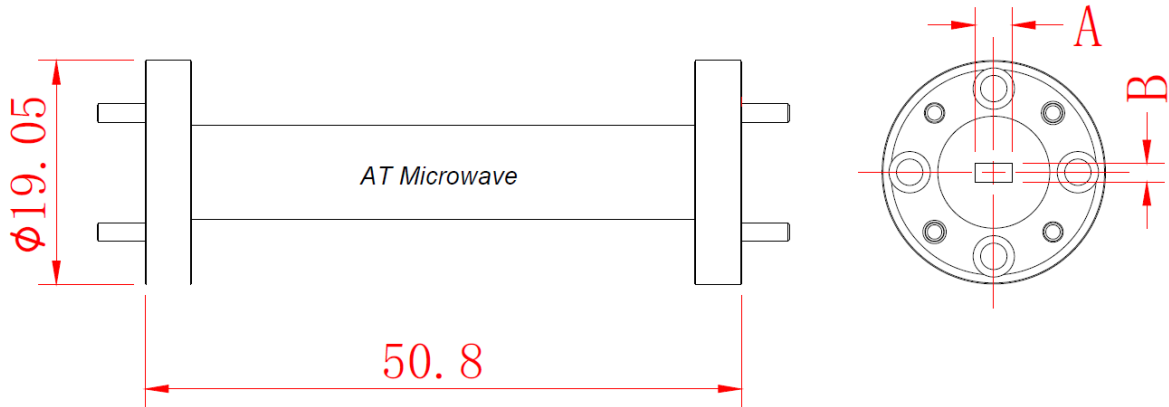
Test Data(25c)



Insertion Loss vs Frequency



Dimension (unit mm)



Dimentions(mm)		
Waveguide	-A-	-B-
WR-15	3.76	1.88
WR-12	3.10	1.55
WR-10	2.54	1.27
WR-08	2.03	1.02
WR-06	1.65	0.83
WR-05	1.30	0.65
WR-04	1.09	0.55
WR-03	0.86	0.43

