

# Standard Straight Waveguide, Full U Band, 40-60GHz, WR-19

2022-9-20

### Product Overview

AT Microwave provides standard straight waveguide with high performance. These straight waveguides are suitable for Labs test and high performance required applications.

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

More information, please visit [www.atmicrowave.com](http://www.atmicrowave.com)



### Advantages

- ✓ Rugged Application
- ✓ Low Insertion Loss
- ✓ Good Return Loss
- ✓ Low Cost, Fast Delivery

### Application

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

### Key Features

Parameter	Min	Typical	Max
Passband Frequency	40GHz		60GHz
Return Loss	-15dB	-20dB	
Length (Note)		Customized	

Note: Popular length=1.0inch, 1.25inch, 2.0inch, 4.0inch





# AT-SSW-XX-WR19

## WR-19 Standard Straight Waveguide

### Part Number Selection Guide

AT - SSW - XX - WRYY

SSW: Standard Straight Waveguide Section  
XX: Length in inch or mm

YY: Waveguide Port, from WR-22 to WR-04

For example, AT-SSW-2.0-WR10  
Frequency 75-110GHz, WR-10, Length=2.0inch

### Mechanical Information

Item	Description
Port1	WR-19 UG-383/U-M Flange with anti-cocking Flange
Port2	WR-19 UG-383/U-M Flange with anti-cocking Flange
Case Material	Copper
Finish	Gold Plated

### PCN

Date	Description
2022-9-20	Change to anti-cocking Flange.

