

# WAVEGUIDE ADAPTER

**N-WR187**  
**3.94-5.99GHz**

## Features

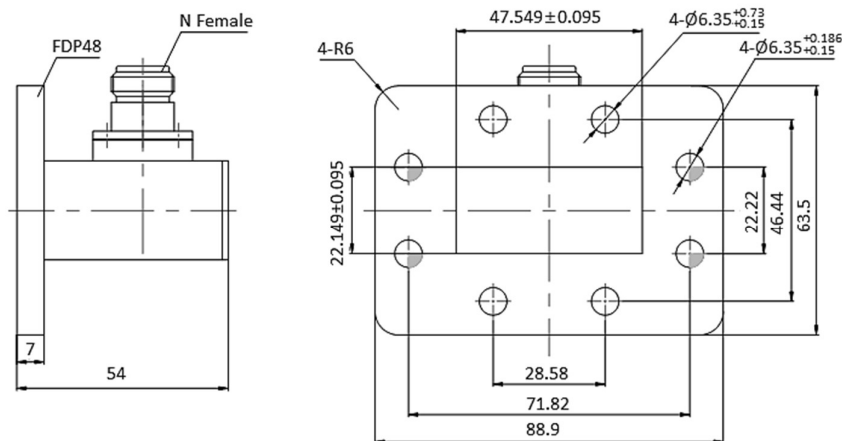
- ✓ Frequency Range: 3.94-5.99GHz
- ✓ Low Insertion Loss
- ✓ Low VSWR

## Specifications

<b>PART NUMBER</b>	MVE13768
<b>DESCRIPTION</b>	N Female To WR187, 3.94-5.99GHz Waveguide Adapter
<b>ELECTRICAL</b>	<b>MATERIALS</b>
FREQUENCY: 3.94-5.99GHz WAVEGUIDE: WR187 VSWR: 1.25:1 MAX. INSERTION LOSS: 0.2dB MAX. FLANGE: FDP48 CONNECTOR: N FEMALE	INSIDE FINISH: CHROMATE CONVERSION OUTSIDE FINISH: ANTICORROSION GREY PAINT MATERIAL: ALUMINUM

Tolerance: ±0.2mm

## Outline Drawing (Unit: mm)

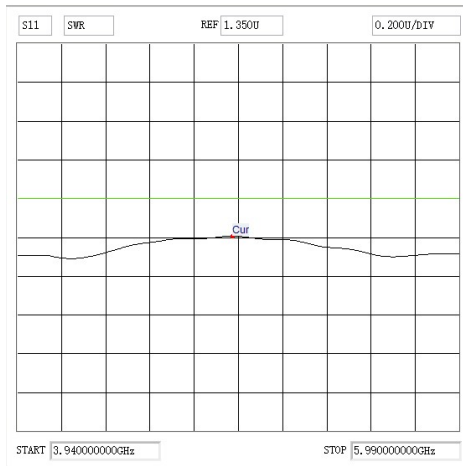


### NOTES:

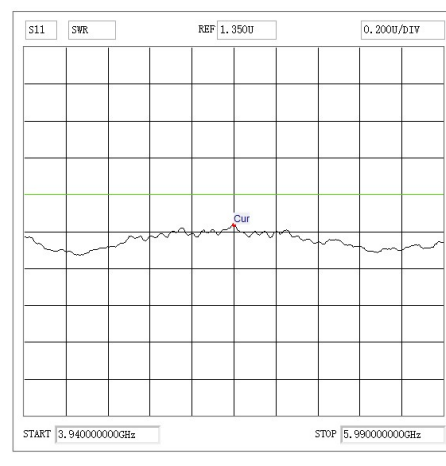
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



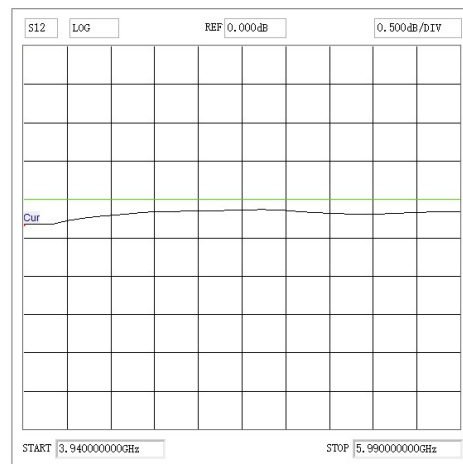
## Typical Test Result



Name	Frequency	Value
Cur	4.939375000GHz	1.157U



Name	Frequency	Value
Cur	4.965000000GHz	1.185U



Name	Frequency	Value
Cur	3.940000000GHz	-0.320dB

In IL test setup, two Waveguide to Coaxial Adapters are connected together. The test result is the total IL of two Waveguide to Coaxial Adaptors. In calculation, dividing this result by 2 can get single Waveguide to Coaxial Adaptor's IL.

NOTES:  
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME  
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

