

## Description

Mi-Wave's 284 series tapered mode transitions is a precision formed adapter used to transform rectangular TE10 mode waveguide to a circular TE11 mode waveguide. Mainly used in antenna systems and associated components to adapt to conventional waveguide.

## Notes

Data Sheet Variables: ".XXX" in Product Name correlates with Internal Diameter defined in Physical Specifications below.

S/N: 5ZH11R

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency	50 GHz		58 GHz
VSWR		1.15	

## Physical Specifications

Rectangular Waveguide	WR-19 Waveguide
Circular Waveguide (Option 1)	.219" ID Circular Waveguide (38.5-43 GHz)
Circular Waveguide (Option 2)	.188" ID Circular Waveguide (43-50 GHz)
Circular Waveguide (Option 3)	.165" ID Circular Waveguide (50-58 GHz)
Circular Waveguide (Option 4)	.141" ID Circular Waveguide (58 - 68 GHz)
Flanges	UG-383/U-M
Material/Finish	Brass/ Gold Plated

Tested by: Kim Madden

Date: 2024-01-31

