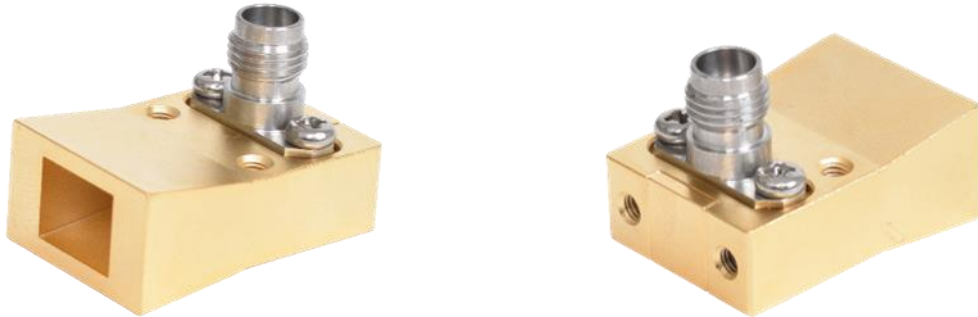


# TC-93473B Rectangular Horn Antenna



## Features

- 24 GHz ~ 44 GHz Frequency Range
- 2.4 mm Female RF Interface

## Specifications

### Configurations

<b>Antenna Type</b>	Rectangular Horn Antenna
<b>RF Connector</b>	2.4 mm Female
<b>Material</b>	Brass with gold plating

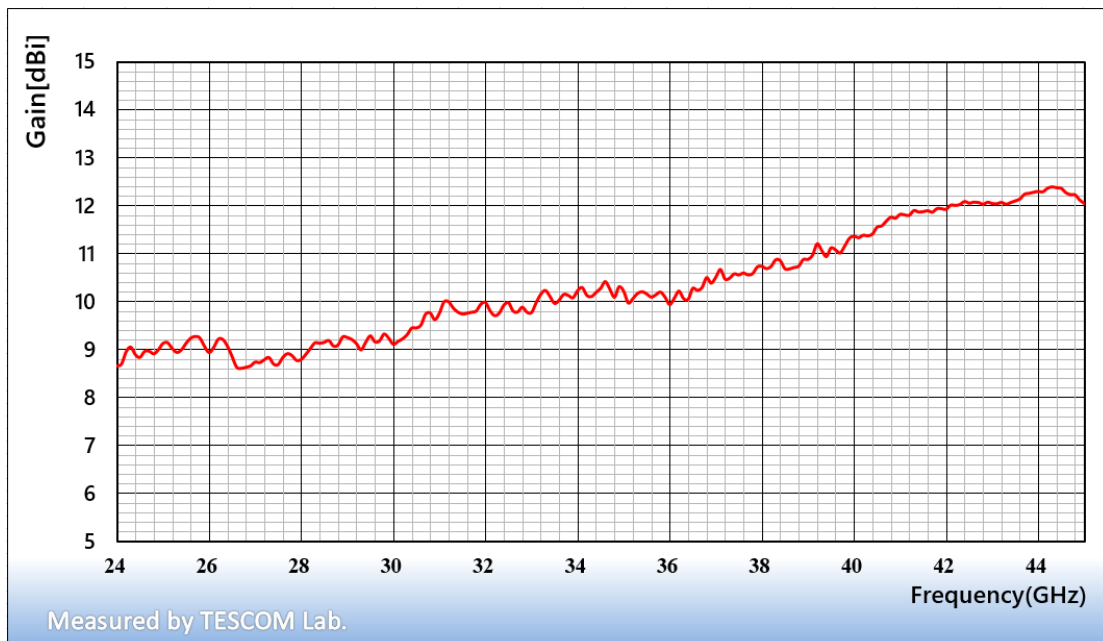
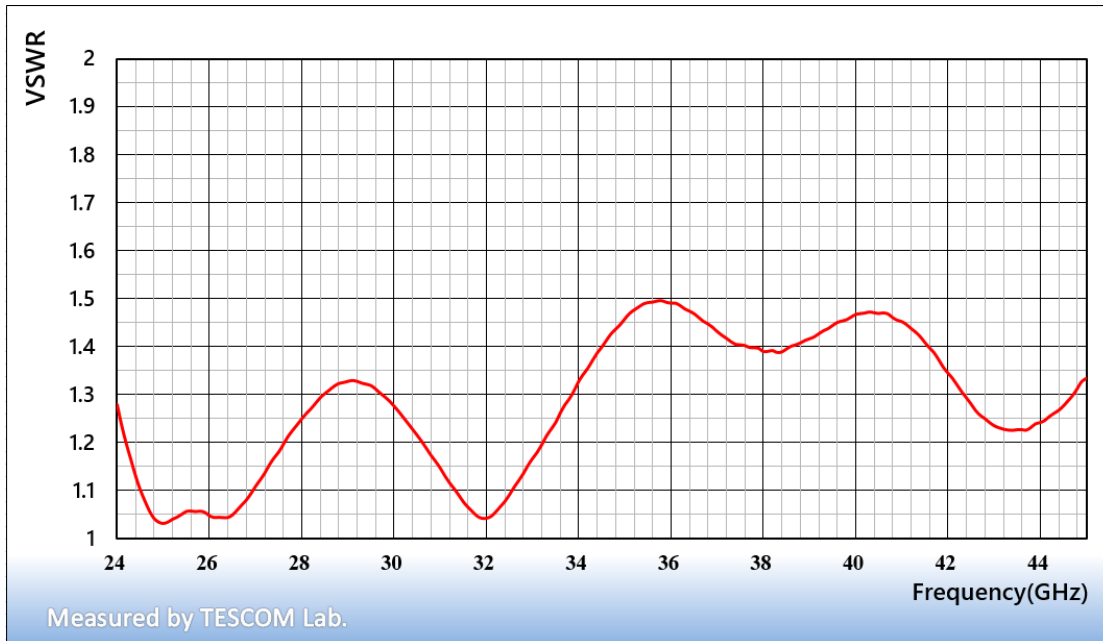
### Electrical Specifications

<b>Frequency Range</b>	24 GHz to 44 GHz
<b>Gain</b>	8.5 dBi @ 28 GHz, 12.0 dBi @ 43.5 GHz
<b>E-Plane 3dB Beamwidth(Degree)</b>	61.9 @ 28 GHz, 42.0 @ 43.5 GHz
<b>H-Plane 3dB Beamwidth(Degree)</b>	56.9 @ 28 GHz, 43.8 @ 43.5 GHz
<b>VSWR</b>	< 2
<b>Impedance</b>	50 $\Omega$

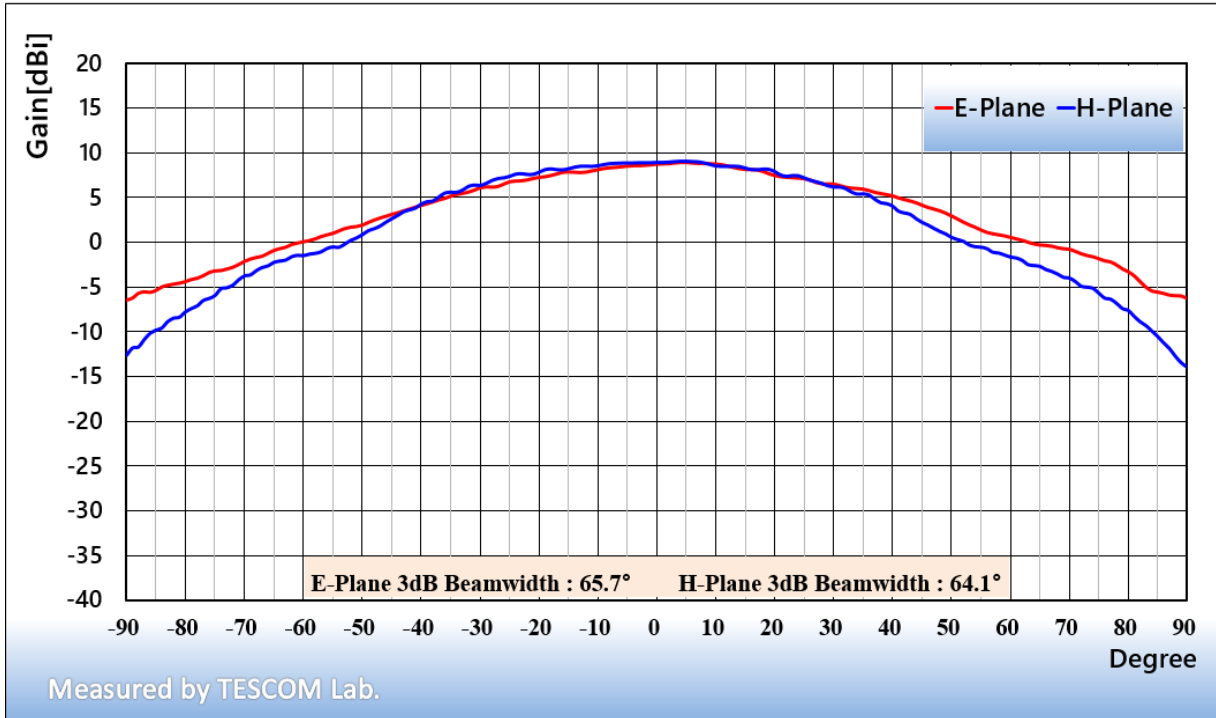
### Mechanical Specifications

<b>Size (mm)</b>	
Length x Width x Height	26 x 18 x 18 mm
<b>Weight</b>	approx. 30 g

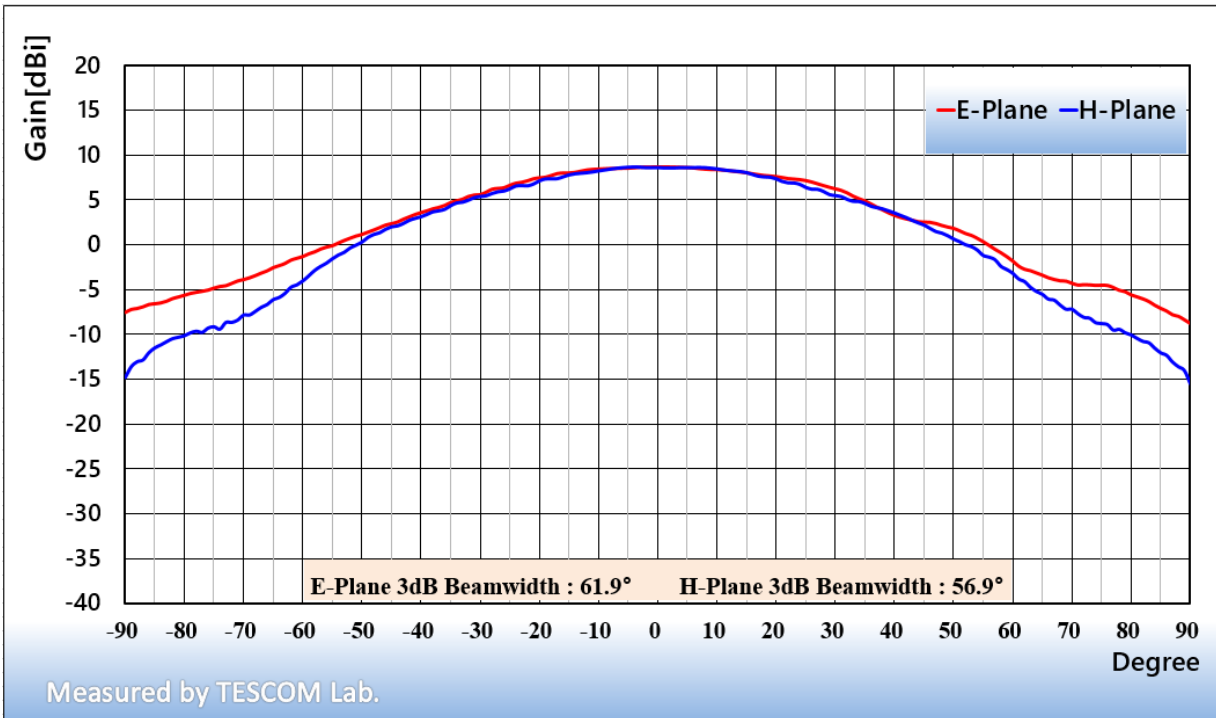
## Typical Performance Data



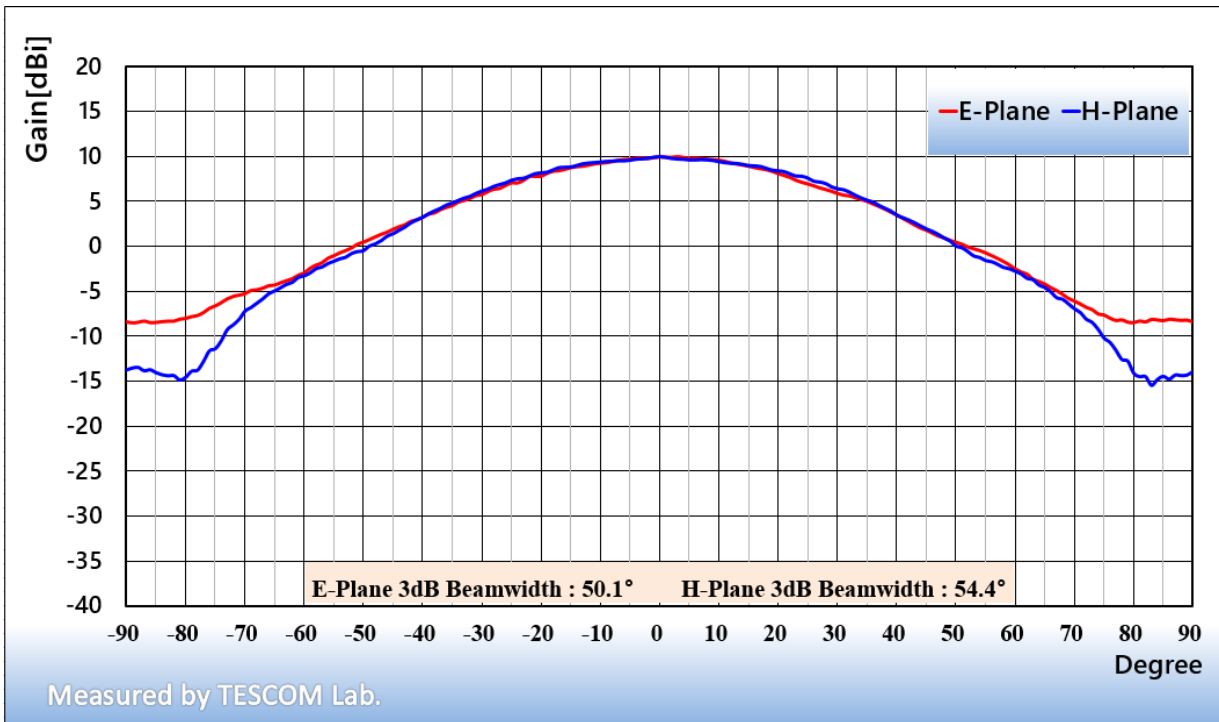
■ Radiation pattern(Measured data)



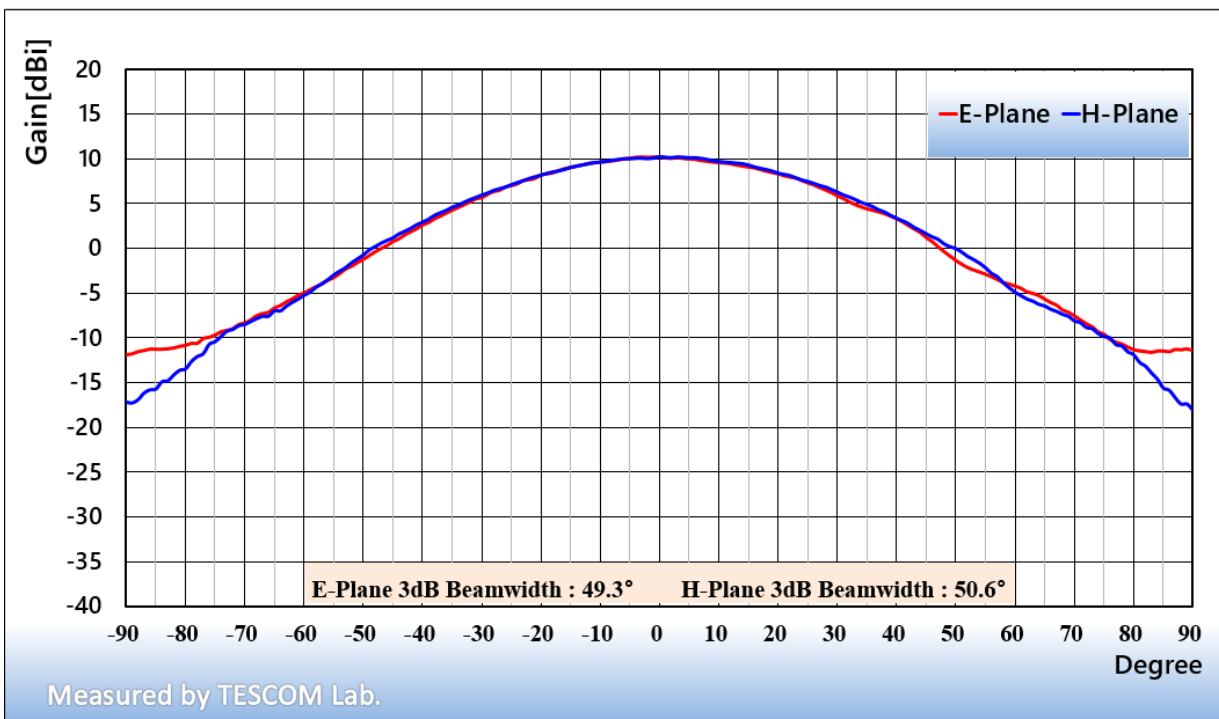
**<TC-93473B @ 24 GHz>**



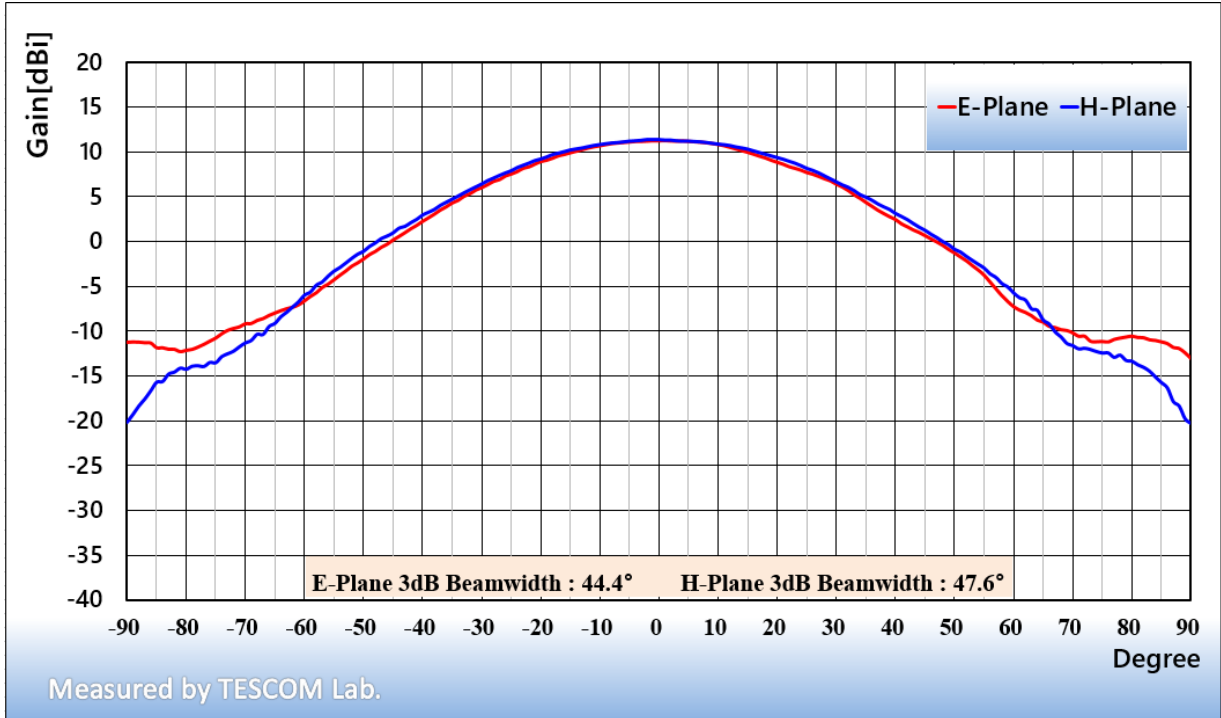
**<TC-93473B @ 28 GHz>**



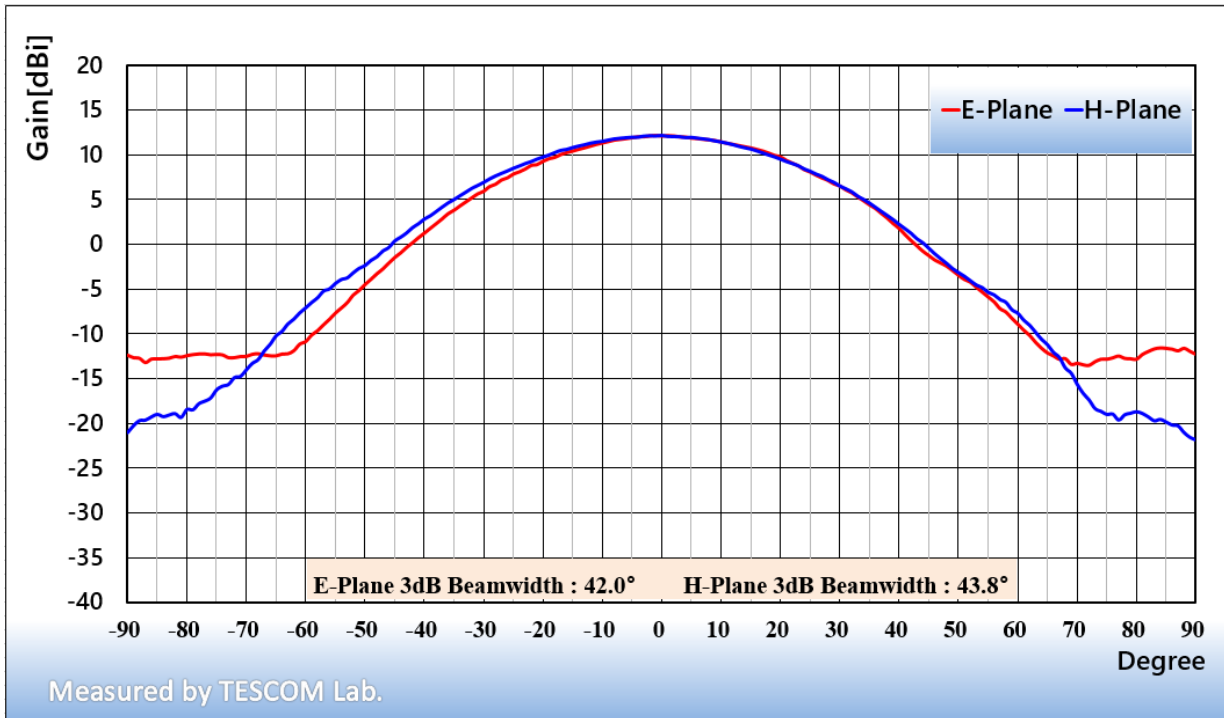
### <TC-93473B @ 32 GHz>



### <TC-93473B @ 36 GHz>



**<TC-93473B @ 40 GHz>**



**<TC-93473B @ 43.5 GHz>**

## Ordering Information

Order Number	Description
TC-93473B	<b>Rectangular Horn Antenna</b> - Cable Not Included