

# TC-93472A Rectangular Horn Antenna



## Features

- 24 GHz ~ 40 GHz Frequency Range
- 2.92 mm Female RF Interface

## Specifications

### Configurations

<b>Antenna Type</b>	Rectangular Horn Antenna
<b>RF Connector</b>	2.92 mm Female
<b>Material</b>	Brass with gold plating

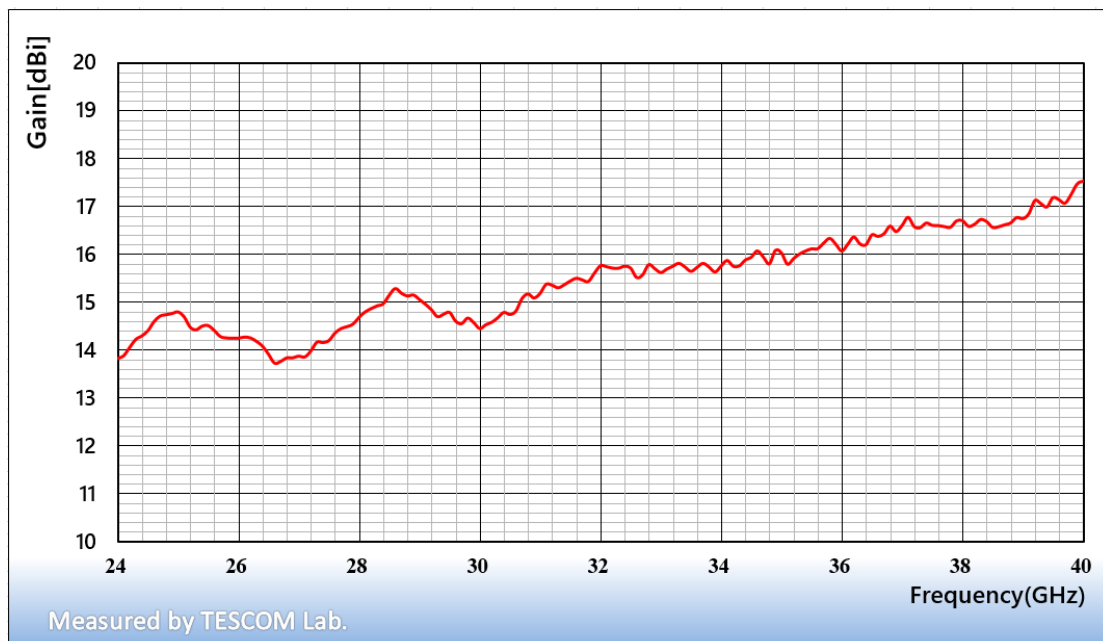
### Electrical Specifications

<b>Frequency Range</b>	24 GHz to 40 GHz
<b>Gain</b>	14.5 dBi @ 28 GHz, 16.0 dBi @ 36 GHz
<b>E-Plane 3dB Beamwidth(Degree)</b>	33.0 @ 28 GHz, 24.6 @ 36 GHz
<b>H-Plane 3dB Beamwidth(Degree)</b>	28.5 @ 28 GHz, 22.8 @ 36 GHz
<b>VSWR</b>	< 2
<b>Impedance</b>	50 $\Omega$

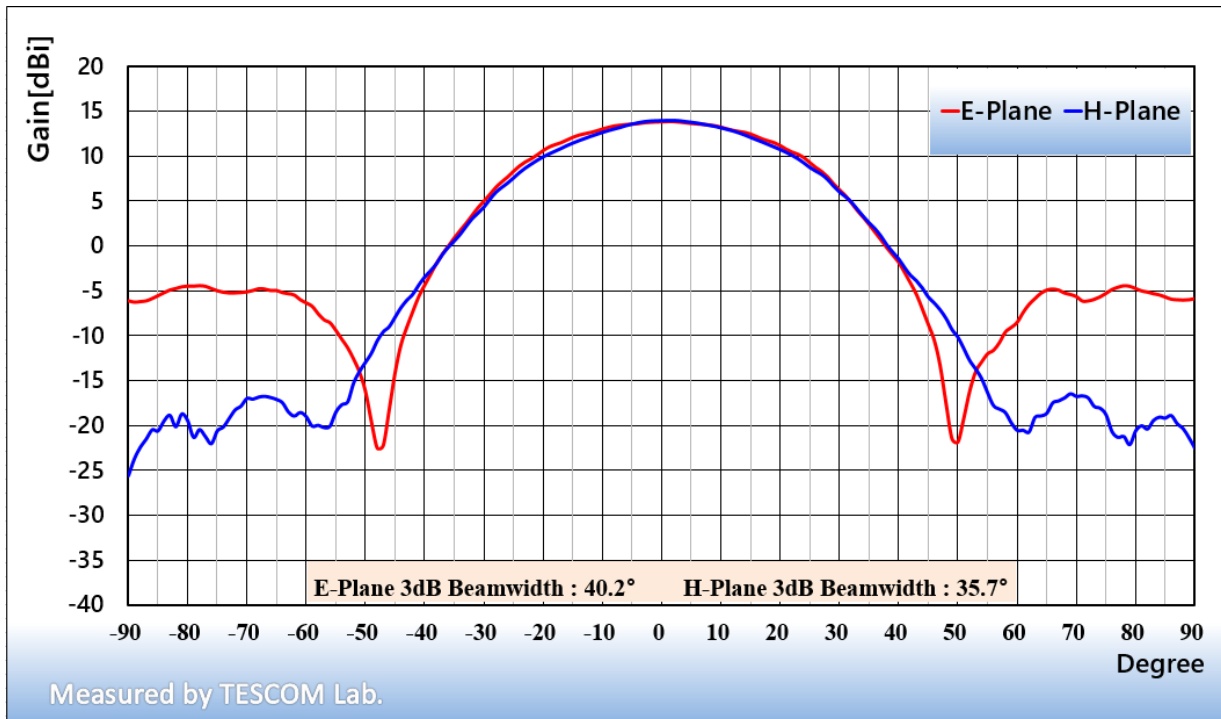
### Mechanical Specifications

<b>Size (mm)</b>	
Length x Width x Height	58 x 36 x 36 mm
<b>Weight</b>	approx. 170 g

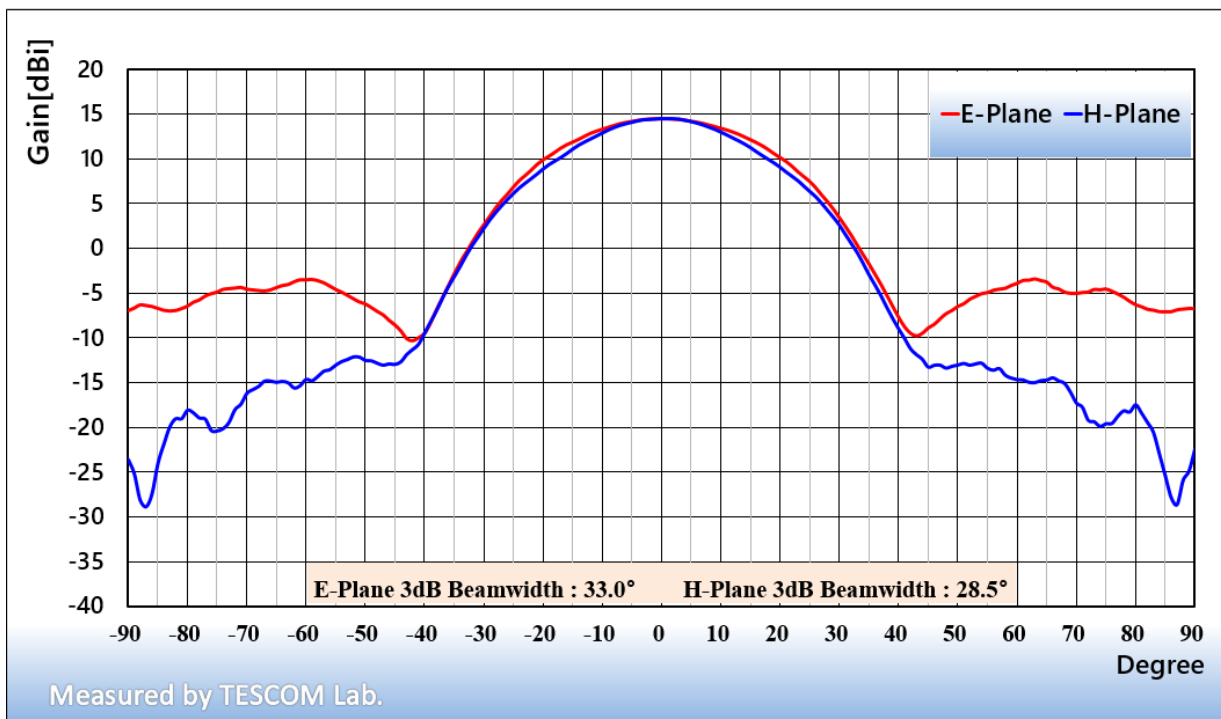
## Typical Performance Data



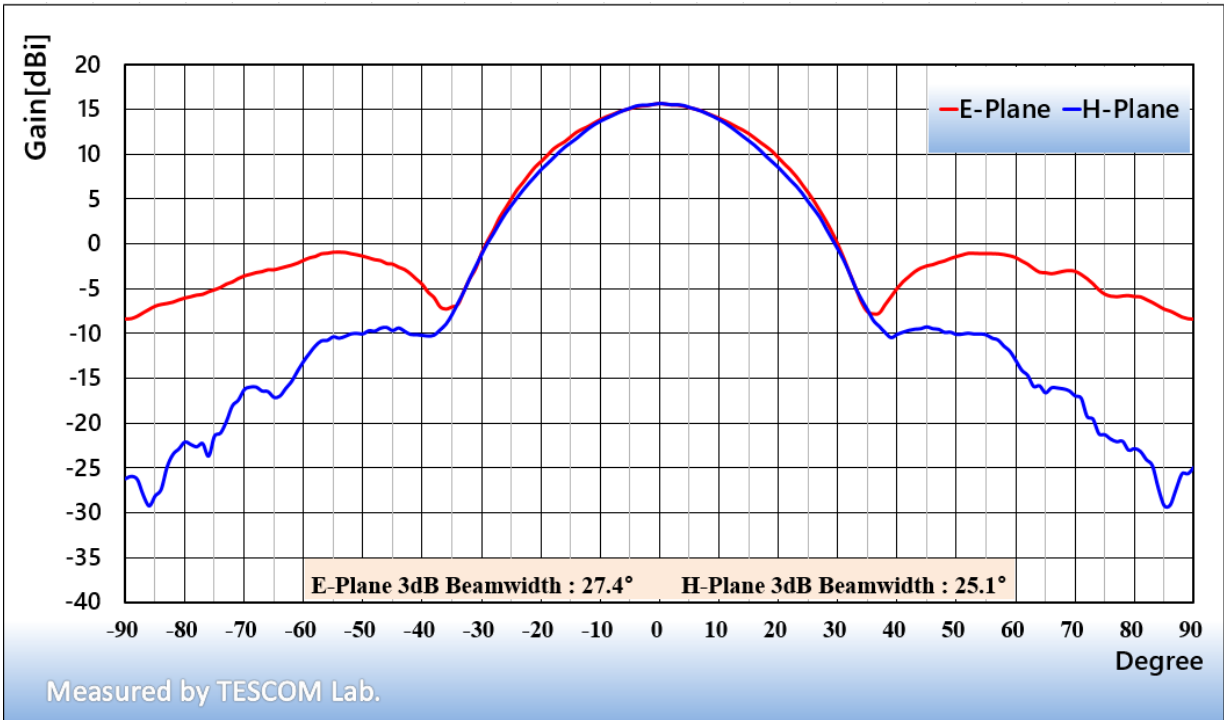
■ Radiation pattern(Measured data)



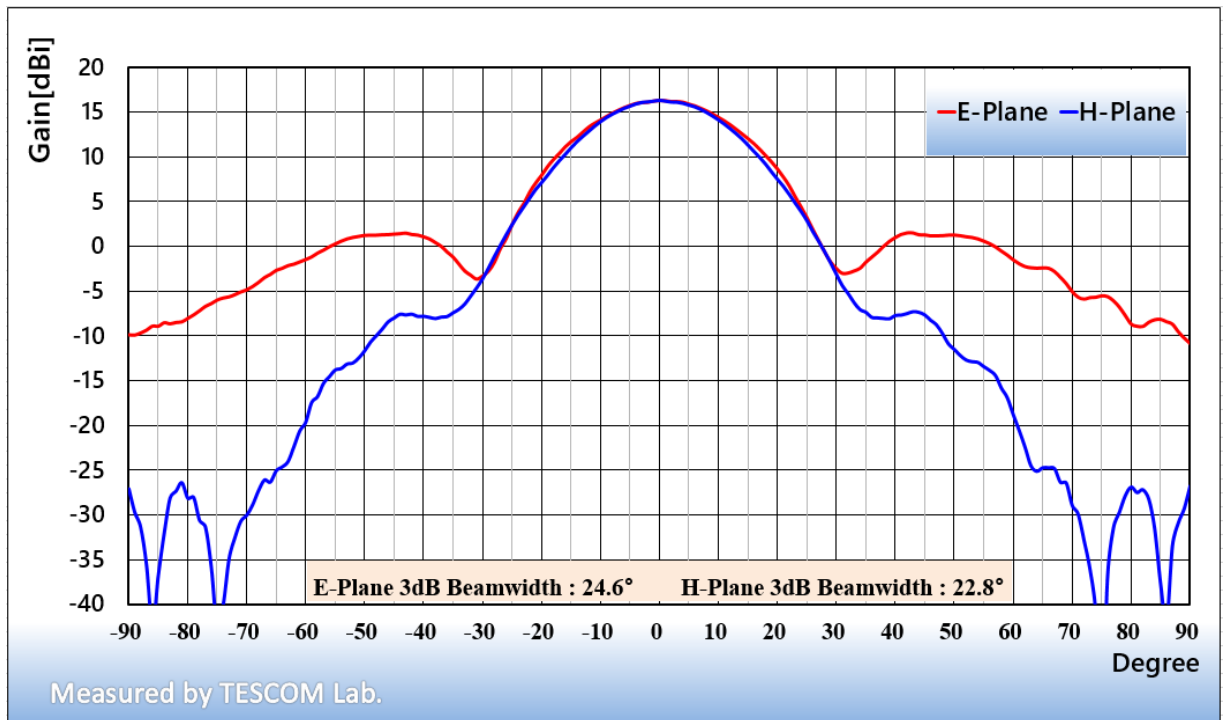
**<TC-93472A @ 24 GHz>**



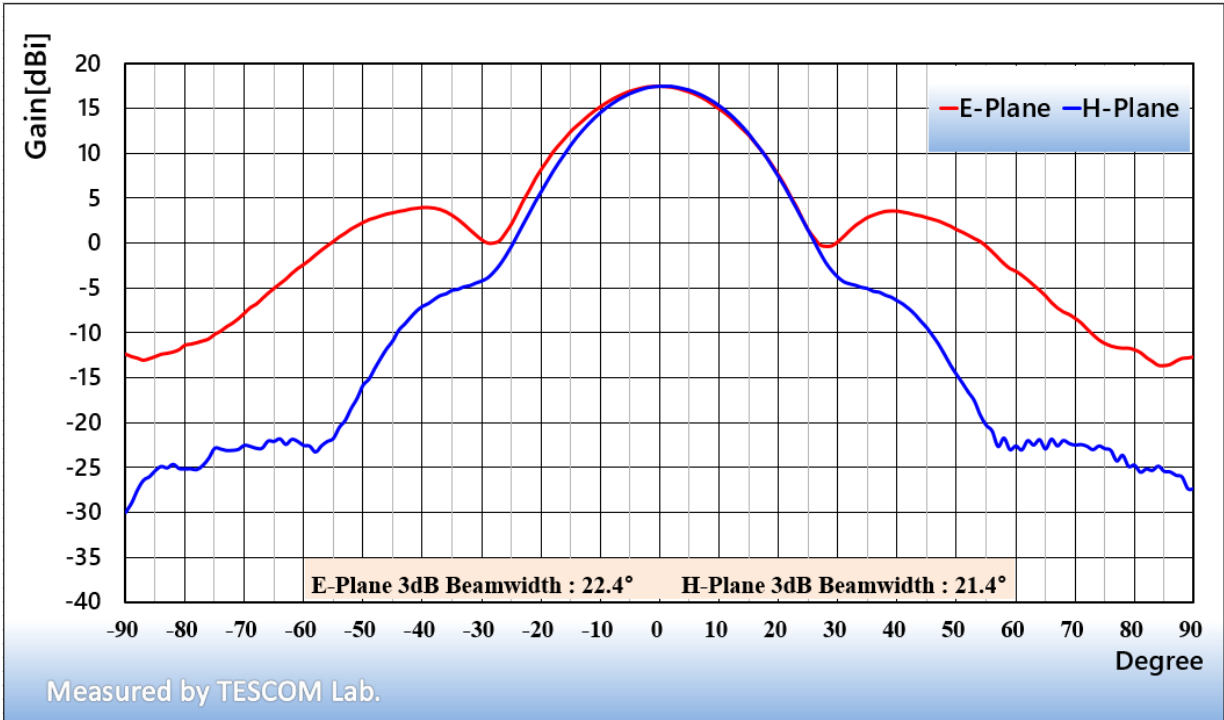
**<TC-93472A @ 28 GHz>**



**<TC-93472A @ 32 GHz>**



**<TC-93472A @ 36 GHz>**



### <TC-93472A @ 40 GHz>

## Ordering Information

Order Number	Description
TC-93472A	Rectangular Horn Antenna - Cable Not Included