

TC-93473A Rectangular Horn Antenna



Features

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

Specifications

Configurations

Antenna Type	Rectangular Horn Antenna
RF Connector	2.92 mm Female
Material	Brass with gold plating

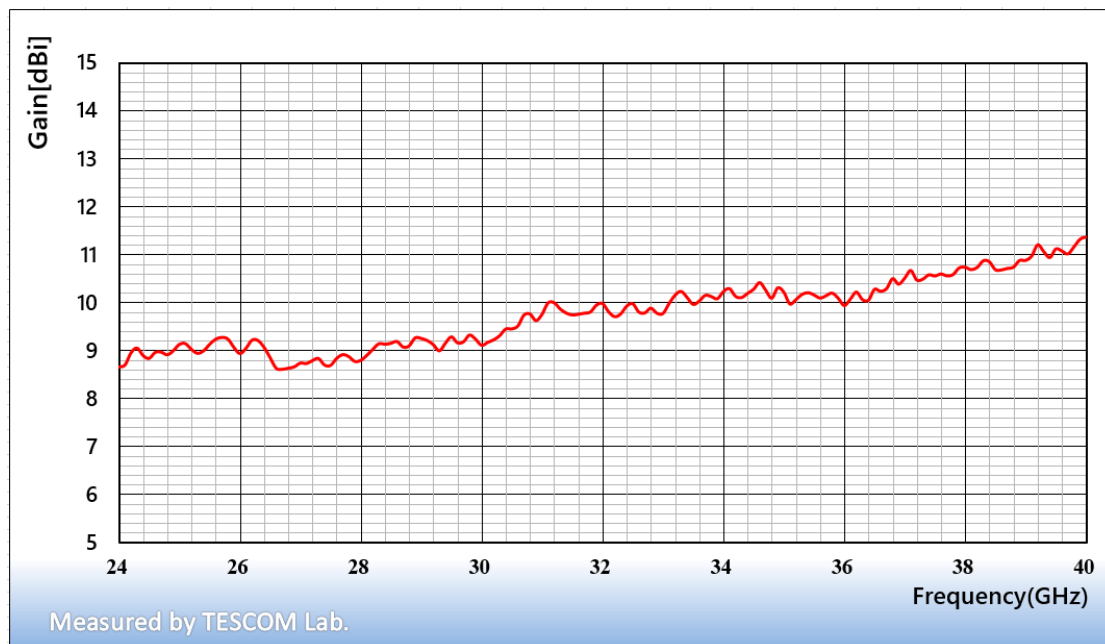
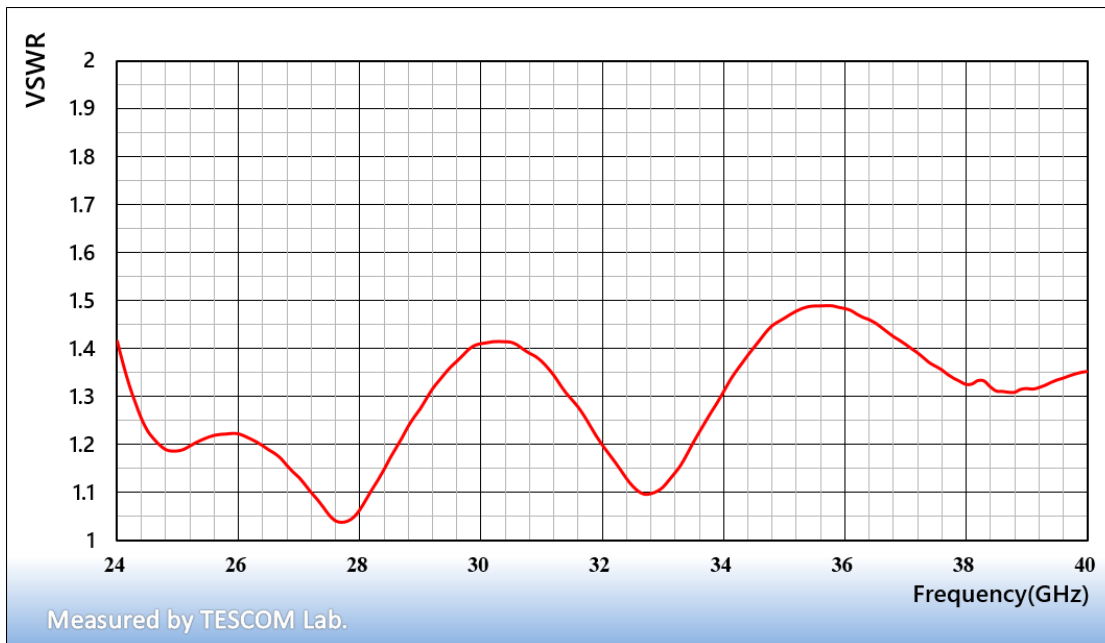
Electrical Specifications

Frequency Range	24 GHz to 40 GHz
Gain	8.5 dBi @ 28 GHz, 10.0 dBi @ 36 GHz
E-Plane 3dB Beamwidth(Degree)	61.9 @ 28 GHz, 49.3 @ 36 GHz
H-Plane 3dB Beamwidth(Degree)	56.9 @ 28 GHz, 50.6 @ 36 GHz
VSWR	< 2
Impedance	50 Ω

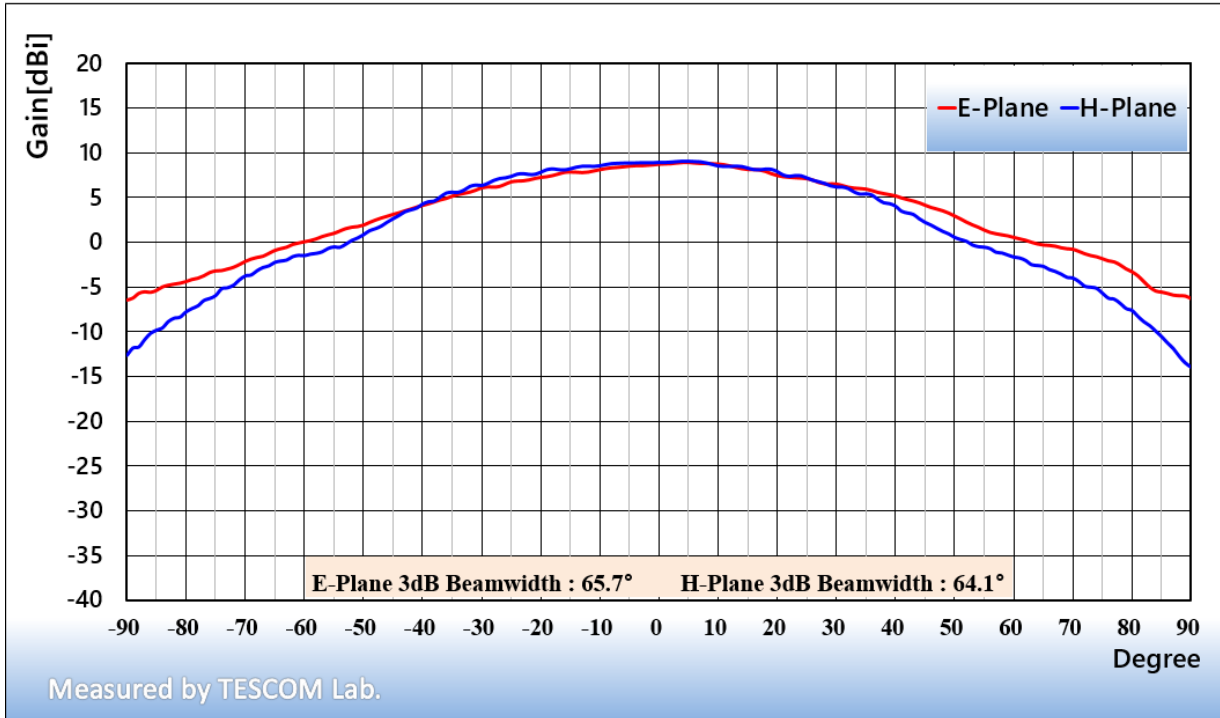
Mechanical Specifications

Size (mm)	
Length x Width x Height	26 x 18 x 18 mm
Weight	approx. 30 g

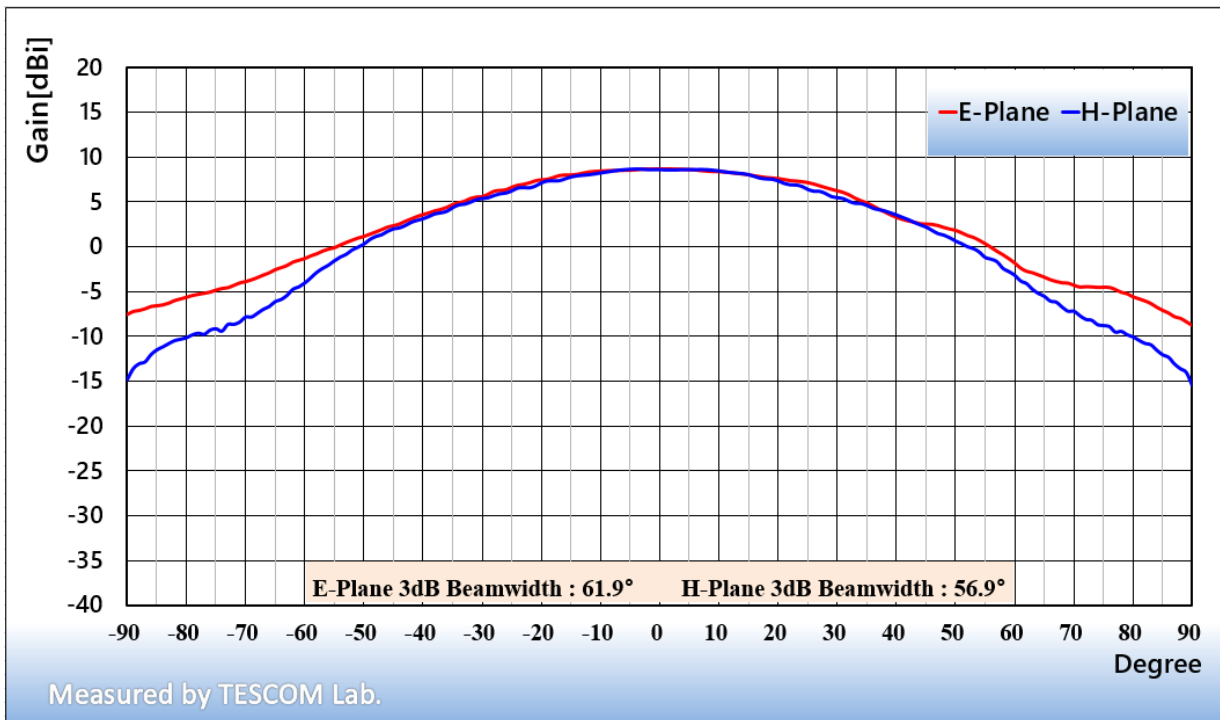
Typical Performance Data



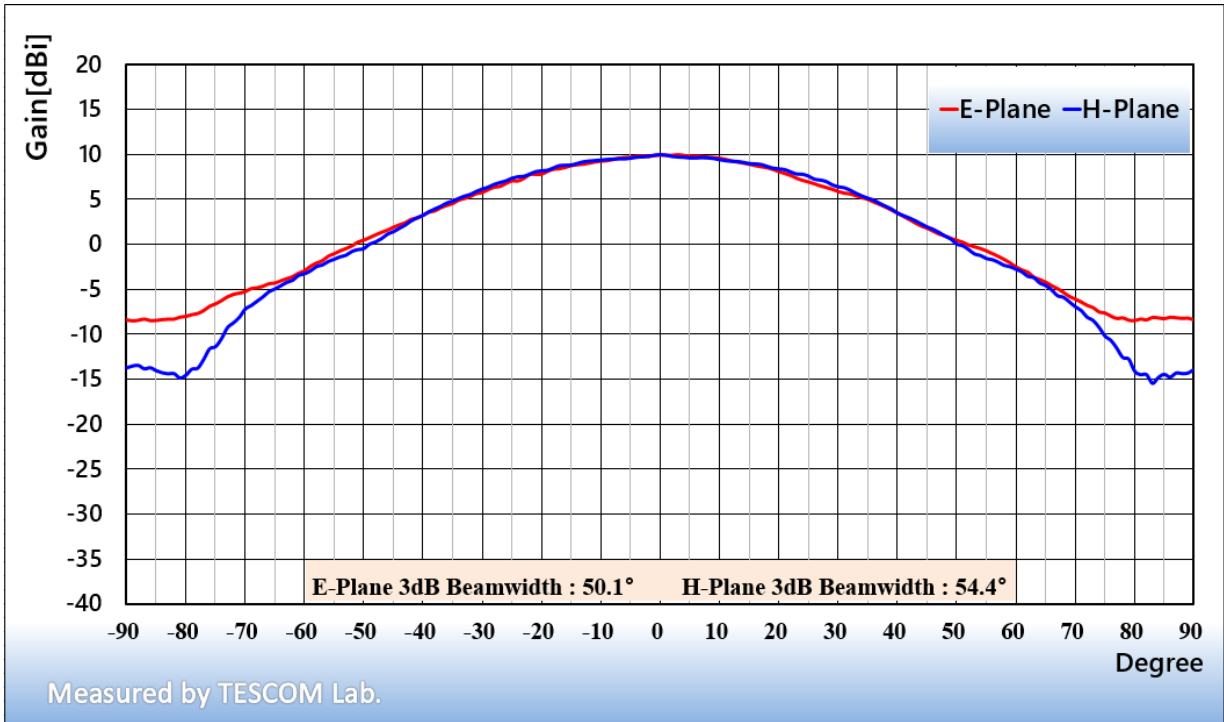
■ Radiation pattern(Measured data)



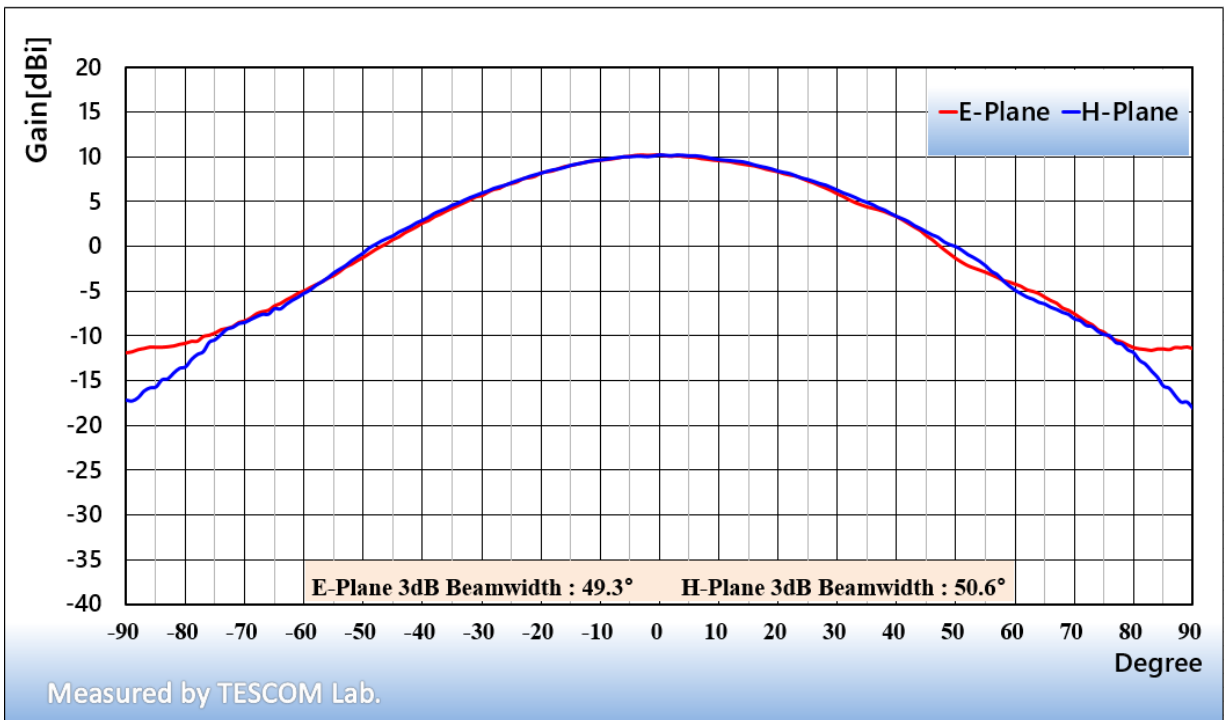
<TC-93473A @ 24 GHz>



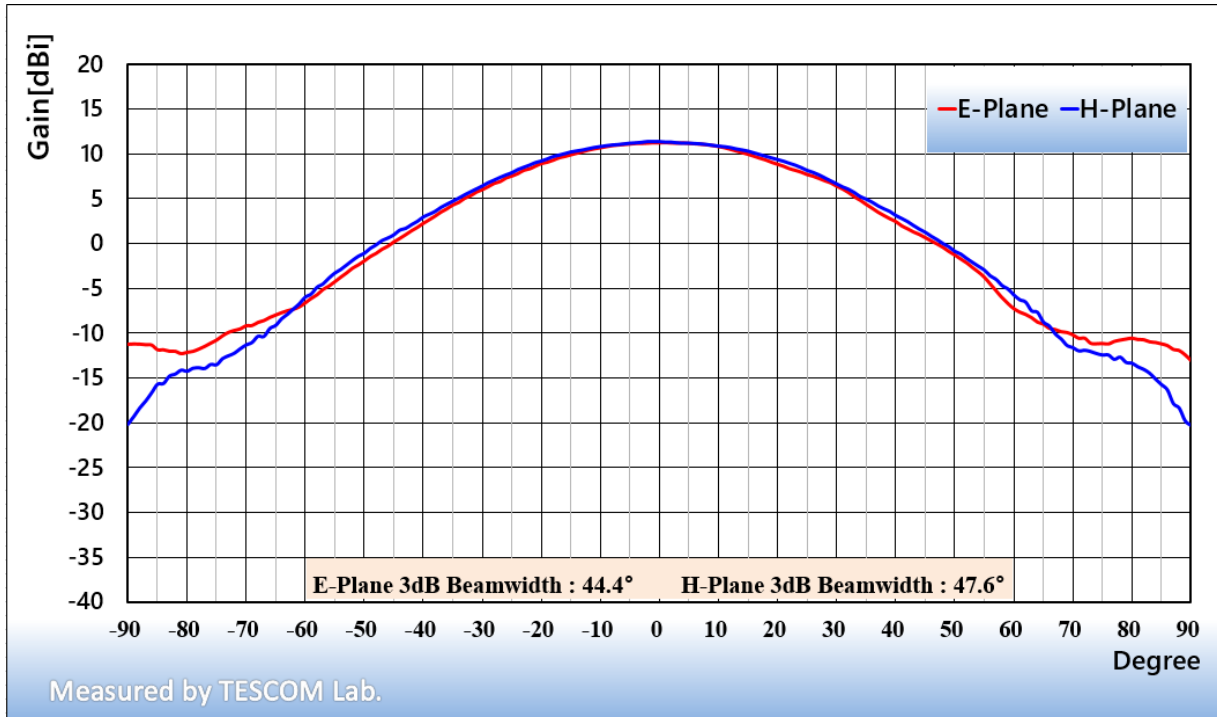
<TC-93473A @ 28 GHz>



<TC-93473A @ 32 GHz>



<TC-93473A @ 36 GHz>



<TC-93473A @ 40 GHz>

Ordering Information

Order Number	Description
TC-93473A	Rectangular Horn Antenna - Cable Not Included