

TC-93671A Rectangular Horn Antenna



Features

- 50 GHz ~ 67 GHz Frequency Range
- 1.85 mm Female RF Interface

Specifications

Configurations

Antenna Type	Rectangular Horn Antenna
RF Connector	1.85 mm Female
Material	Brass with gold plating

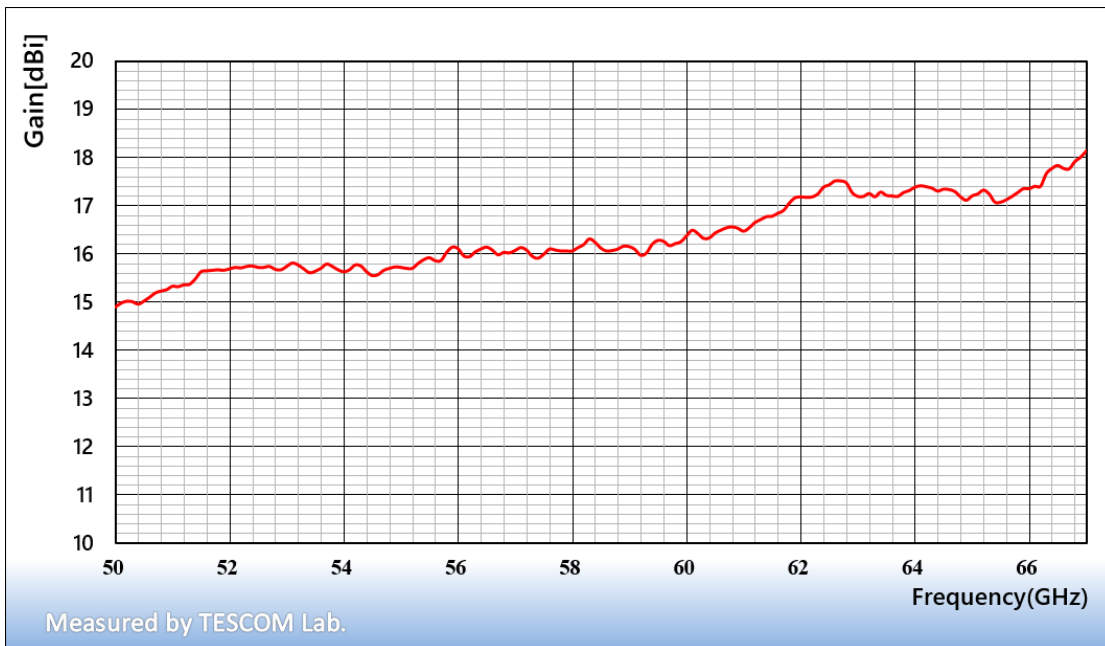
Electrical Specifications

Frequency Range	50 GHz to 67 GHz
Gain	15.5 dBi @ 55 GHz, 18.1 dBi @ 67 GHz
E-Plane 3dB Beamwidth(Degree)	29.6 @ 55 GHz, 20.1 @ 67 GHz
H-Plane 3dB Beamwidth(Degree)	32.7 @ 55 GHz, 23.0 @ 67 GHz
VSWR	< 2
Impedance	50 Ω

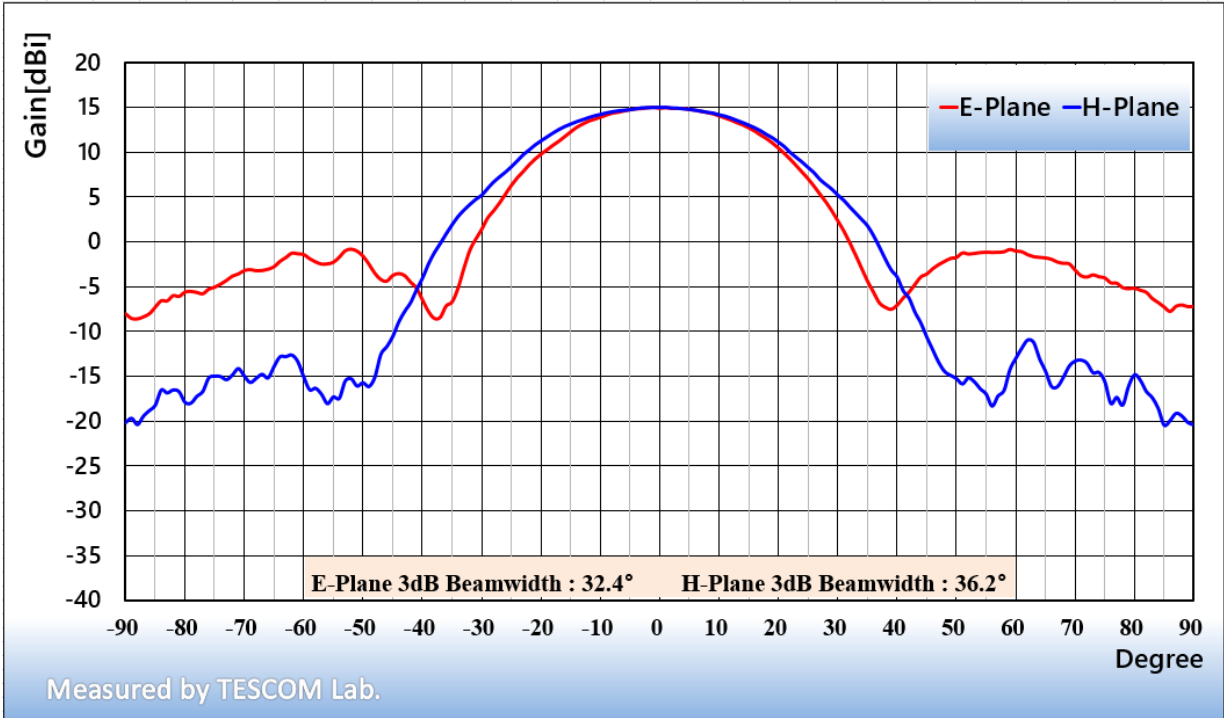
Mechanical Specifications

Size (mm)	
Length x Width x Height	48 x 20 x 20 mm
Weight	approx. 60 g

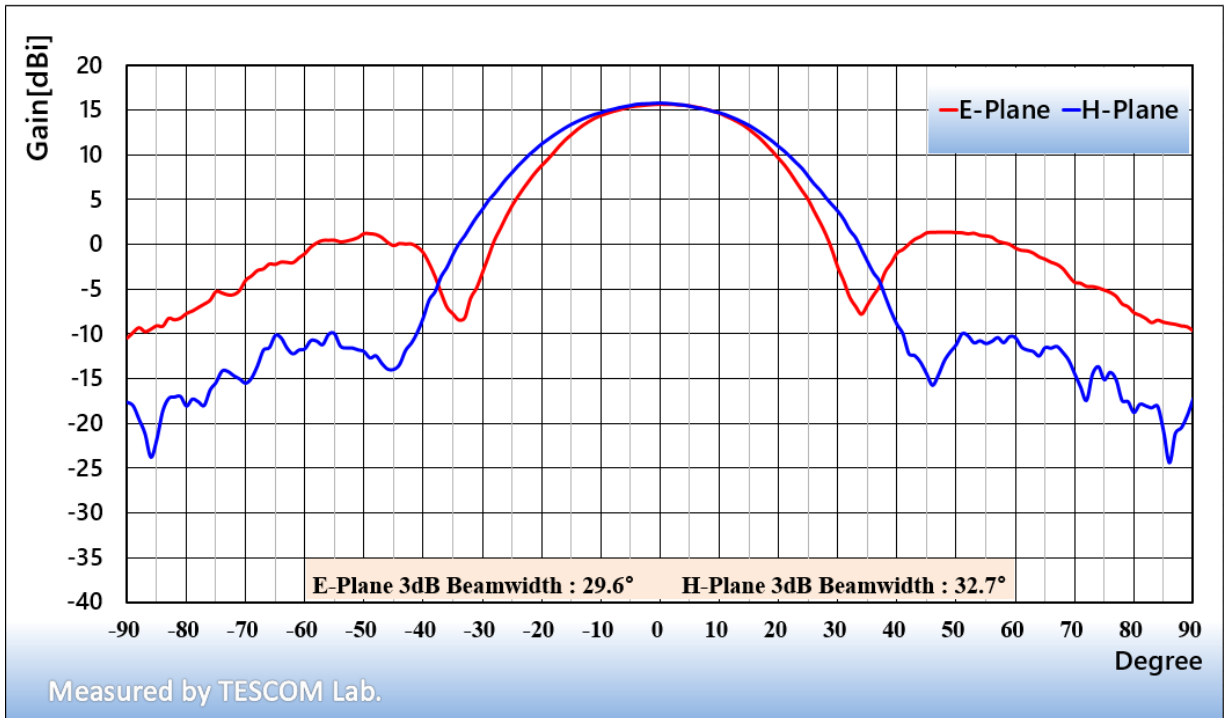
Typical Performance Data



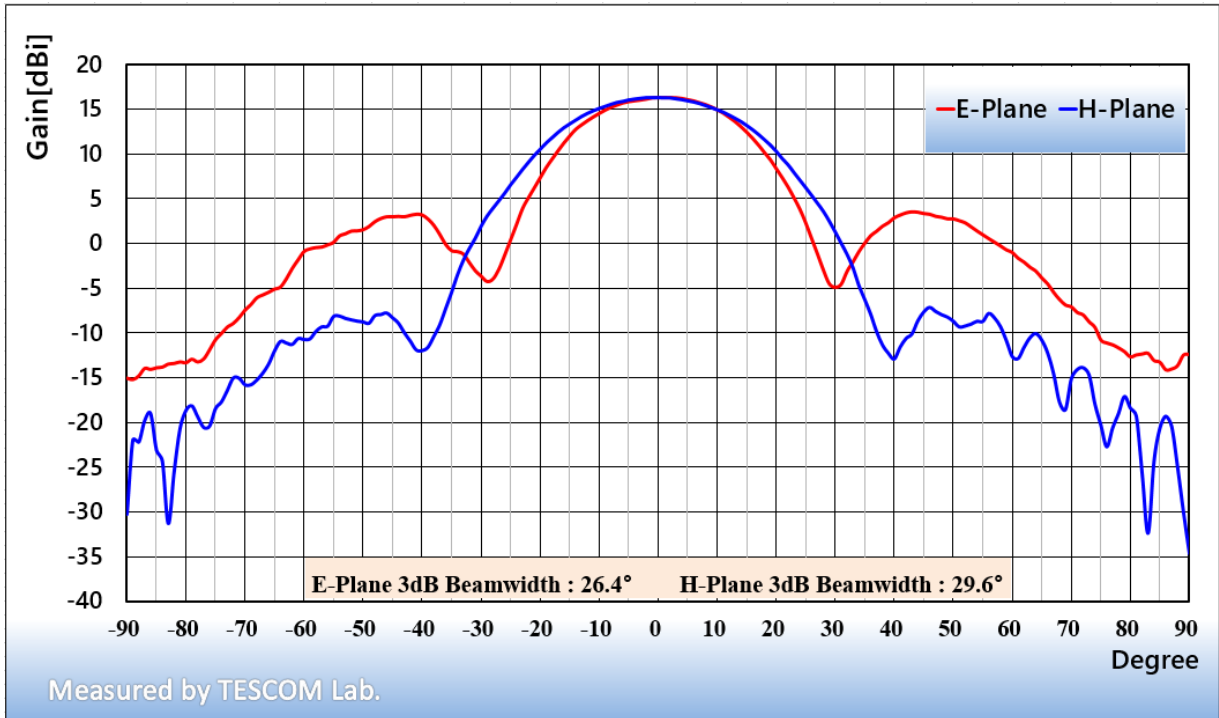
■ Radiation pattern(Measured data)



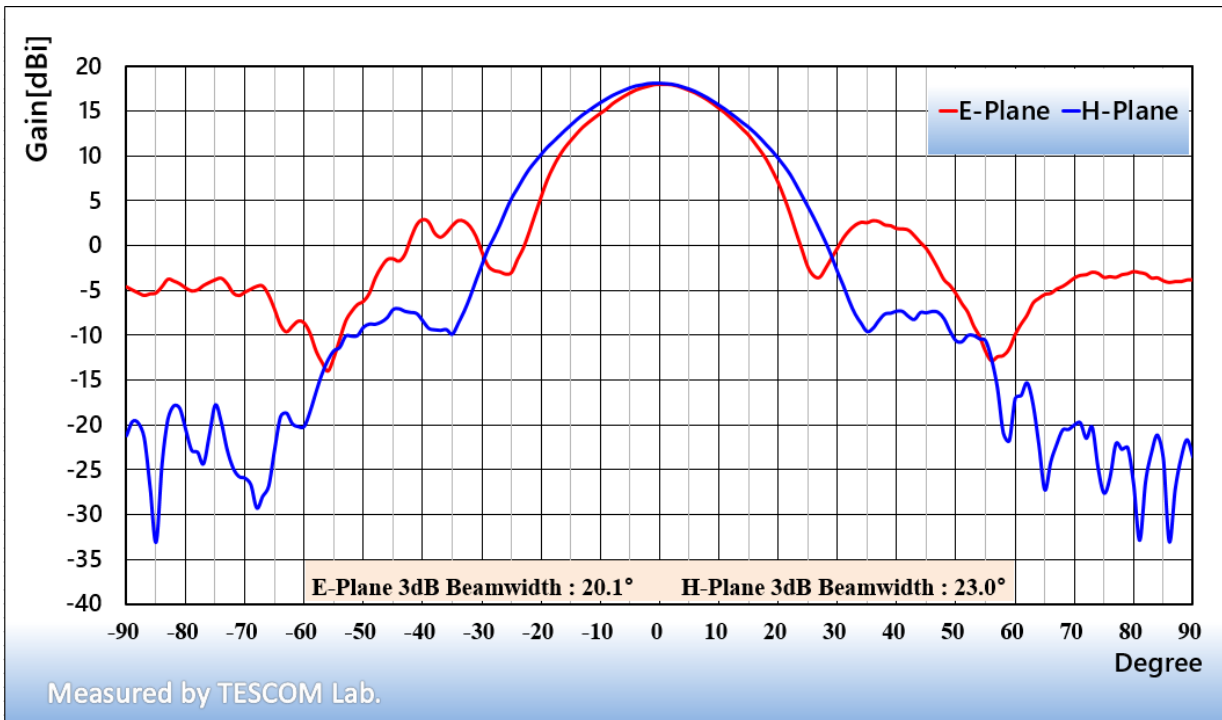
<TC-93671A @ 50 GHz>



<TC-93671A @ 55 GHz>



<TC-93671A @ 60 GHz>



<TC-93671A @ 67 GHz>

Ordering Information

Order Number	Description
TC-93671A	Rectangular Horn Antenna ----- - Cable Not Included