

*Broadband Horn Antenna  
20 dBi Typ. Gain, 8-18 GHz Frequency Range*

## Broadband Horn Antenna Data Sheet

**RM-BDHA818-20A**

### Features

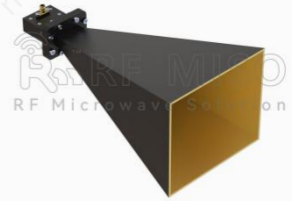
- Low VSWR
- Linear Polarization
- High Gain
- L-Type Mounting Bracket Included

### Description

The **RM-BDHA818-20A** from RF MISO is a broadband gain horn antenna that operates from 8 to 18GHz. The antenna offers a typical gain of 20 dBi and VSWR1.5:1 with an 2.92mm Female coaxial connector. Featuring low loss, high directivity, the antenna is used in a variety of applications such as microwave testing, satellite antenna testing, direction finding, surveillance, plus EMC and antenna measurements.

### Specifications

| RM-BDHA818-20A       |                      |       |
|----------------------|----------------------|-------|
| Item                 | Specification        | Units |
| Frequency Range      | 8-18                 | GHz   |
| Gain                 | 20 Typ.              | dBi   |
| VSWR                 | 1.5:1 Typ.           |       |
| Polarization         | Linear               |       |
| Connector            | 2.92mm-F             |       |
| Material             | Al                   |       |
| Surface Treatment    | Paint                |       |
| Size(L*W*H)          | 228*118.6*101.16(±5) | mm    |
| Weight               | 0.241                | Kg    |
| Power Handling, CW   | 20                   | W     |
| Power Handling, Peak | 40                   | W     |

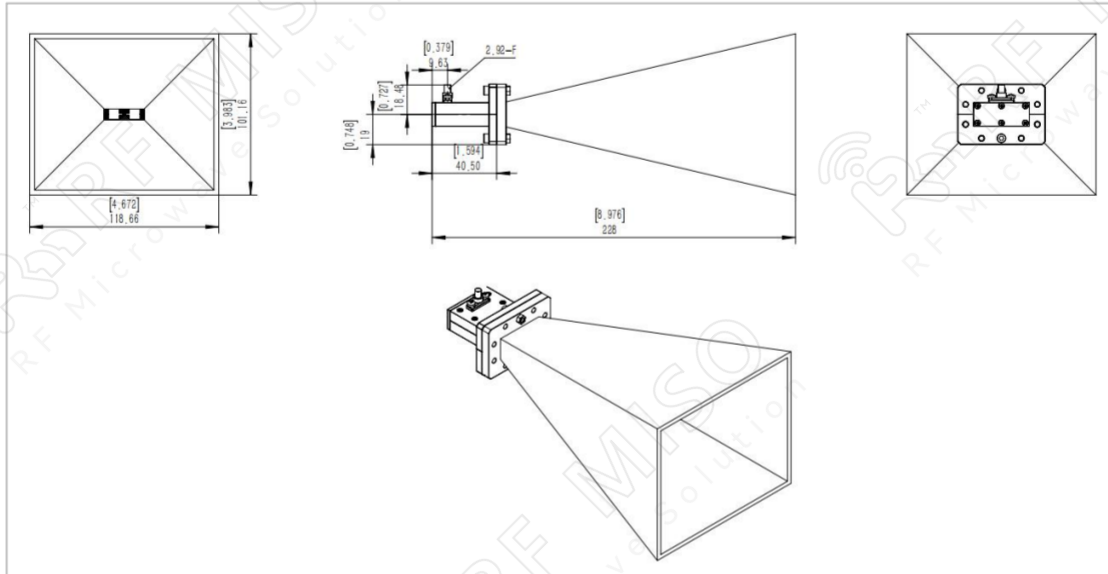


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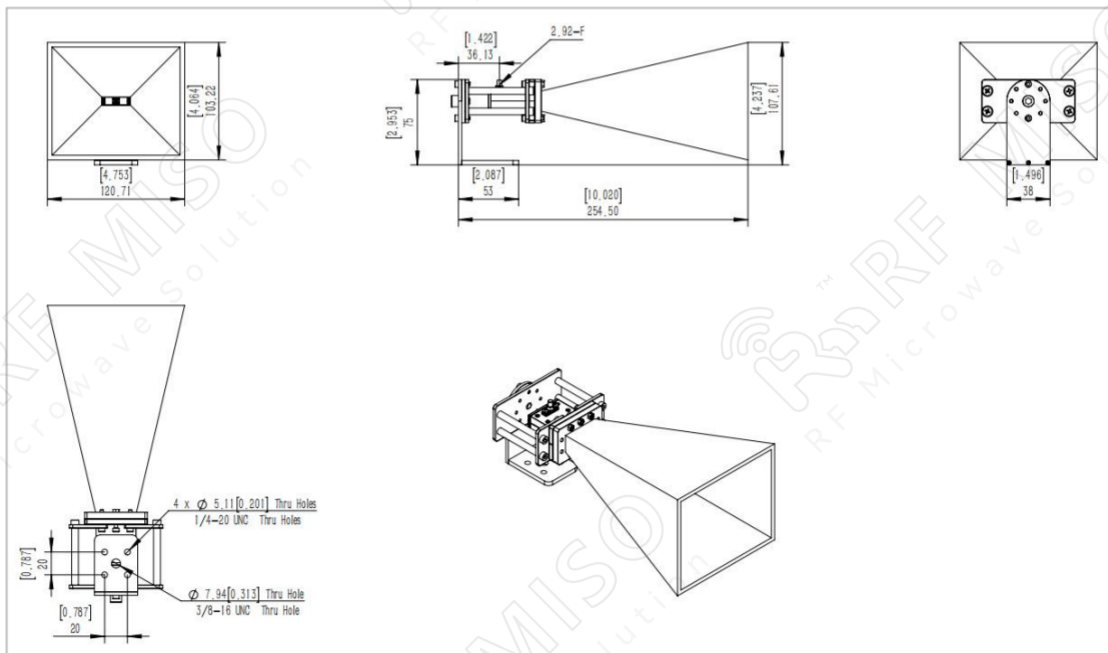
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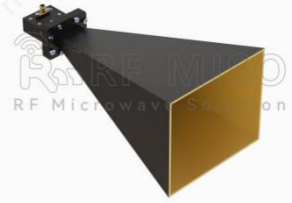
**RM-BDHA818-20A**

**Outline Drawing (Size: mm)**



Outline Drawing with Mounting Bracket:



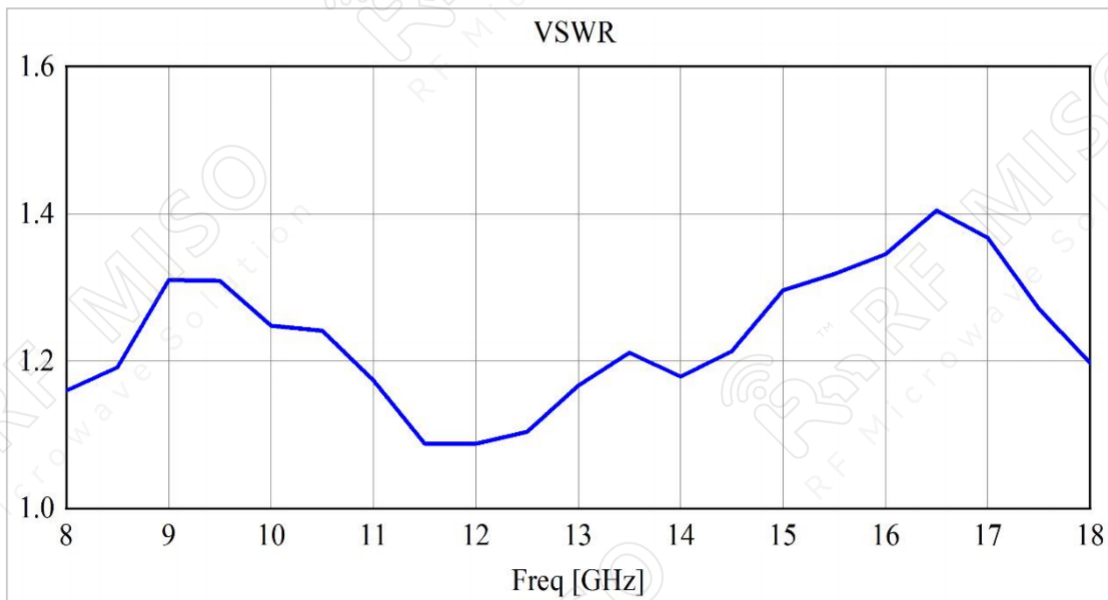
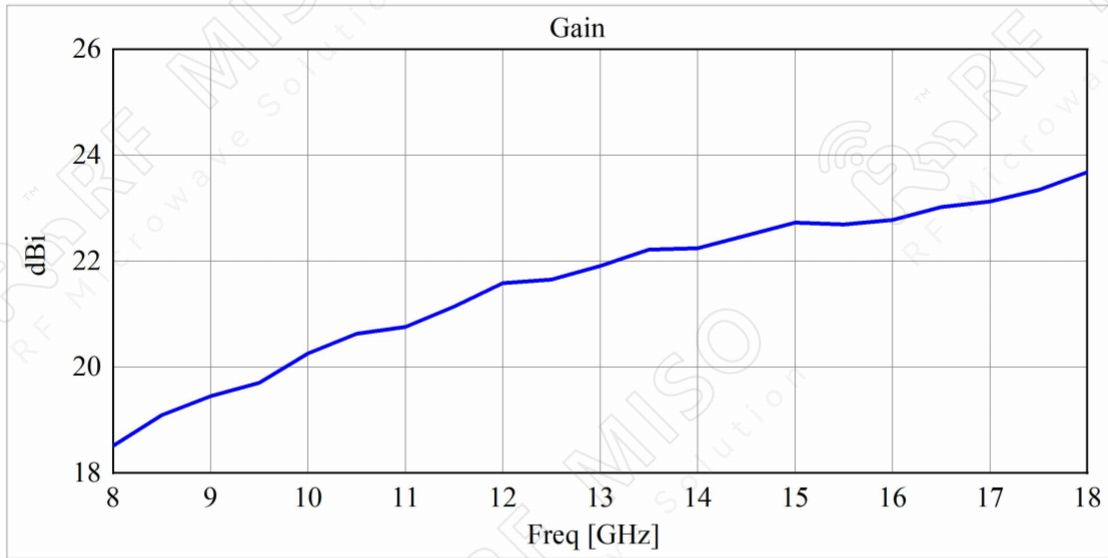


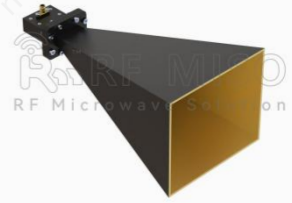
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**Simulated Data**

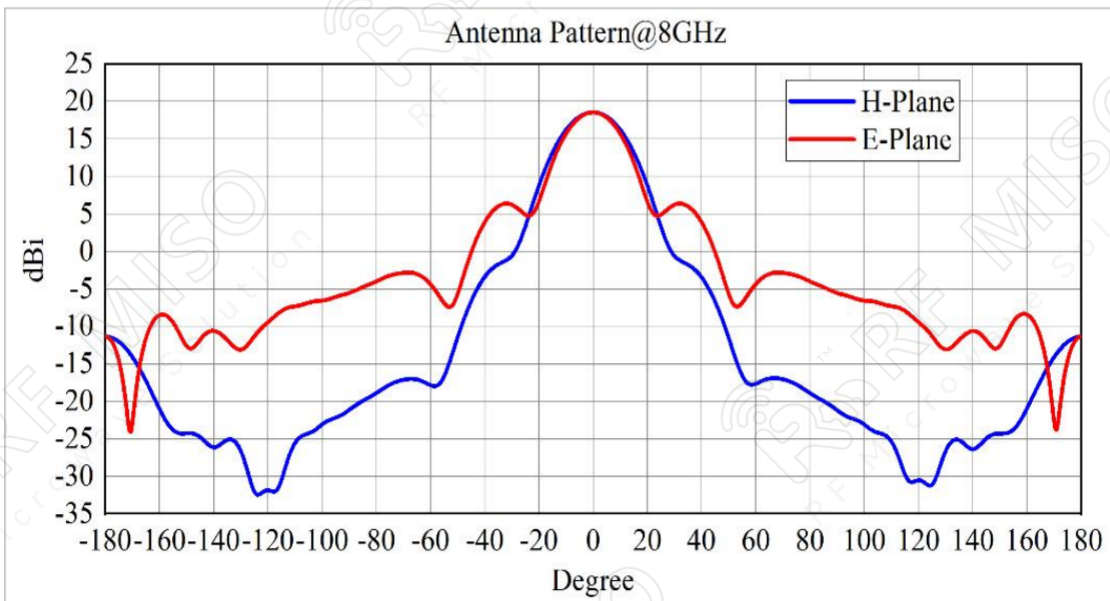
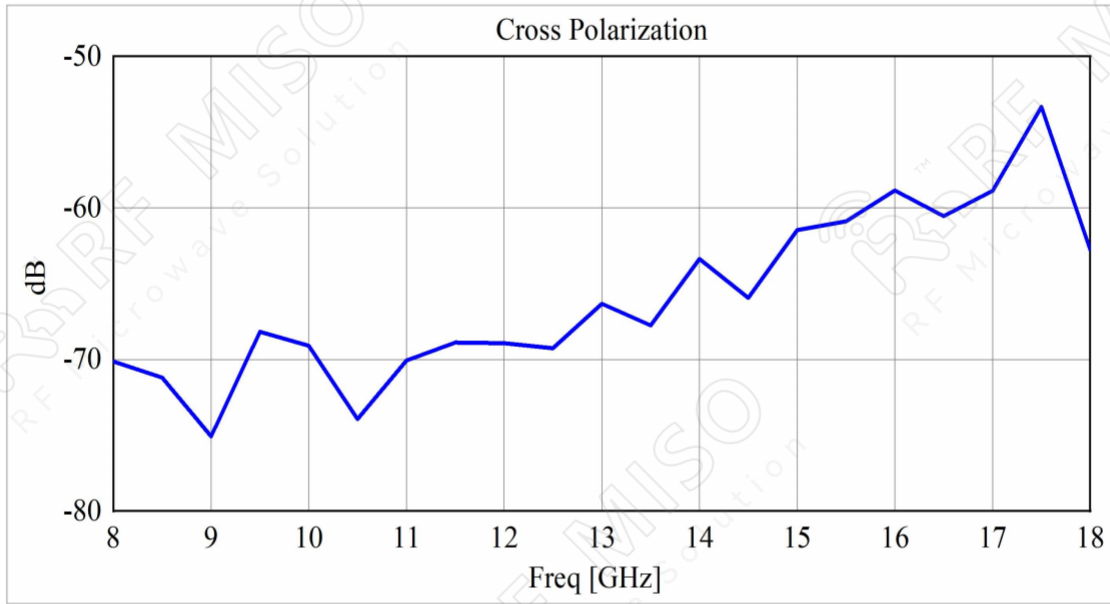


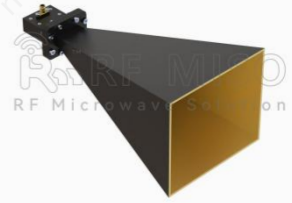


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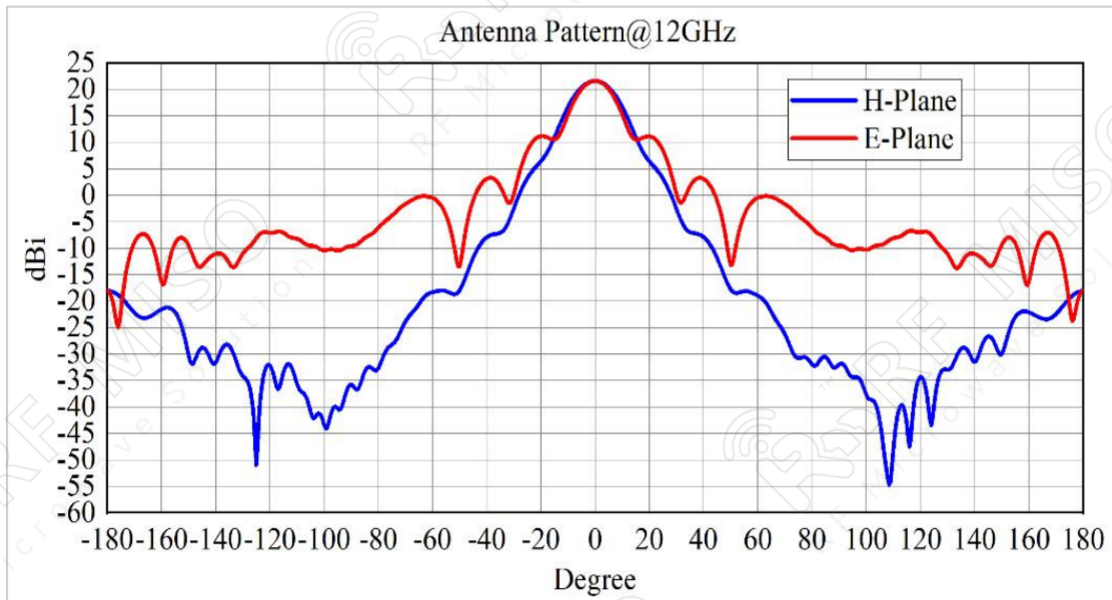
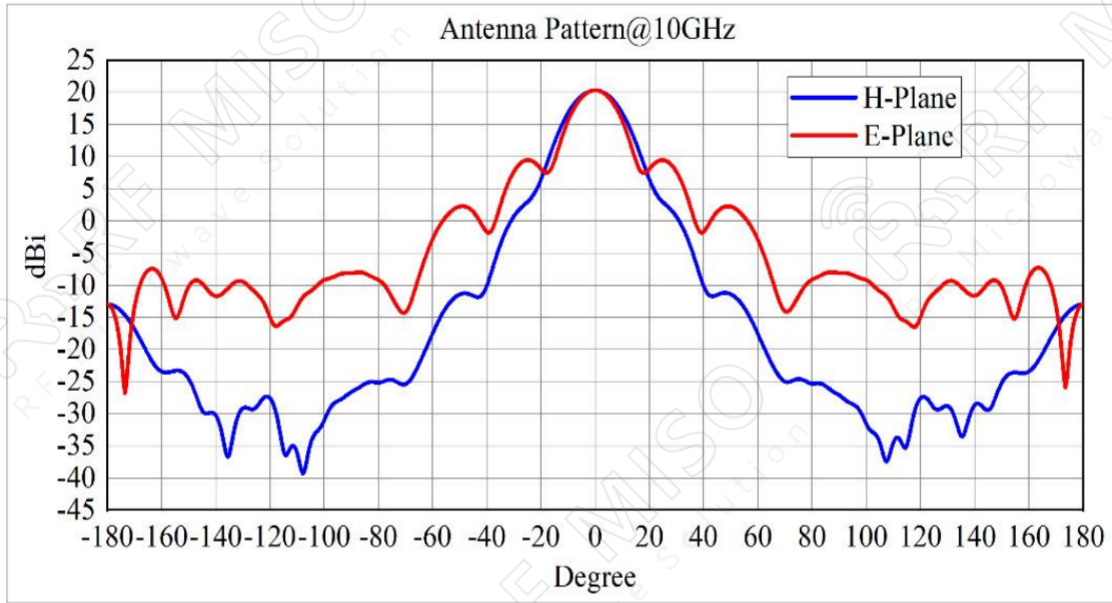


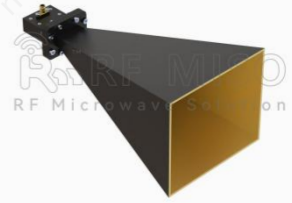


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