

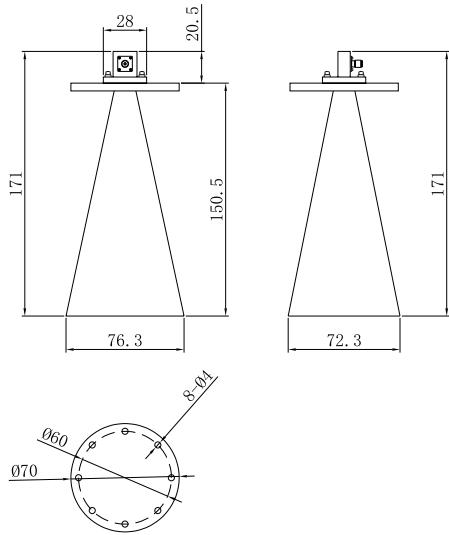


Reliable RF Components In Stock

Datasheet

Waveguide Standard Horn Antenna Operating from 18 GHz to 40 GHz with a Nominal 20 dBi Gain | 2.92mm Female Input Connector

P/N: GHA180400-292F-20



Dimensions are in mm



Product Configuration

| | |
|---------------------------|----------|
| Connector Series | 2.92mm |
| Connector Polarity | Standard |
| Connector Gender | Female |
| Connector Impedance (Ohm) | 50 |
| Antenna Type | Horn |

Mechanical Data

| | |
|---------------|----------|
| Body Material | Aluminum |
| Colour | Grey |

Electrical Specifications

| | |
|---------------------------|---------------|
| Return Loss or VSWR Input | 2.5 |
| Directionality | Directional |
| Polarization | Linear |
| Number of Bands | Single |
| Gain, Typical (dBi) | 20 |
| Frequency Range | 18GHz - 40GHz |

Environmental Specifications

| | |
|-----------------------------|----------------|
| RoHS Compliant | Yes |
| Operating Temperature Range | -40C° to +65C° |

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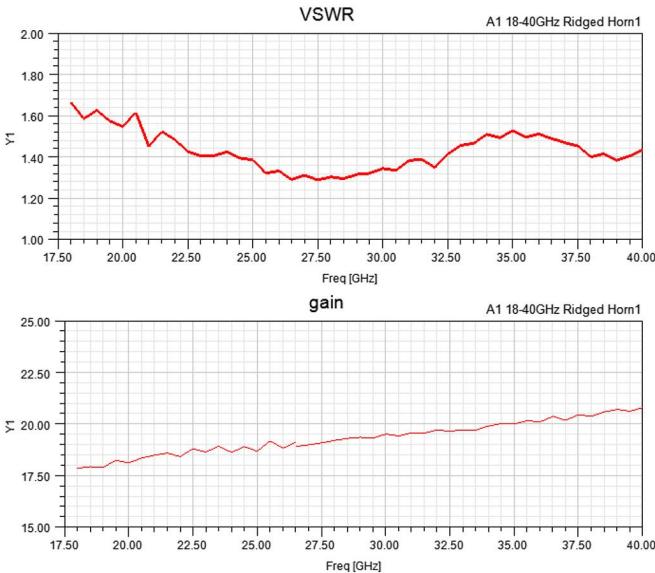
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VSWR Test Figure



Bandwidth & Gain Table

| Frequency(GHz) | Gain(dBi) |
|----------------|-----------|
| 18 | 17.9 |
| 20 | 18.2 |
| 22 | 18.4 |
| 24 | 18.7 |
| 26 | 19.0 |
| 28 | 19.1 |
| 30 | 19.4 |
| 32 | 19.5 |
| 34 | 19.9 |
| 36 | 20.1 |
| 38 | 20.5 |
| 40 | 20.7 |

Bandwidth & Gain Test Figures

