# AWR19185S

## WR19 to 1.85mm Female Waveguide to Coaxial Adapter
## UG599/U Flange, Right Angle




Rev 1

### Electrical

| | |
|---|---|
| Frequency Range | 39.2-59.6 GHz |
| VSWR | 1.35 max |

### Configuration

| | | |
|---|---|---|
| Waveguide Size | IEC | R500 |
| | EIA | WR19 |
| Flange | IEC | / |
| | North America | UG599/U |
| Coax Connector | 1.85mm Female | |
| Body Geometry | Right Angle | |

### Mechanical & Environmental

| | |
|---|---|
| Waveguide Body | Cu, gold plated |
| Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |
| Operating Temperature | -40℃ to +85℃ |
| Connector Interface | IEC-61169 |
| RoHS | Compliant under exemptions 6 (b) or 6 (c) |
| Net Weight | Approx 50g |

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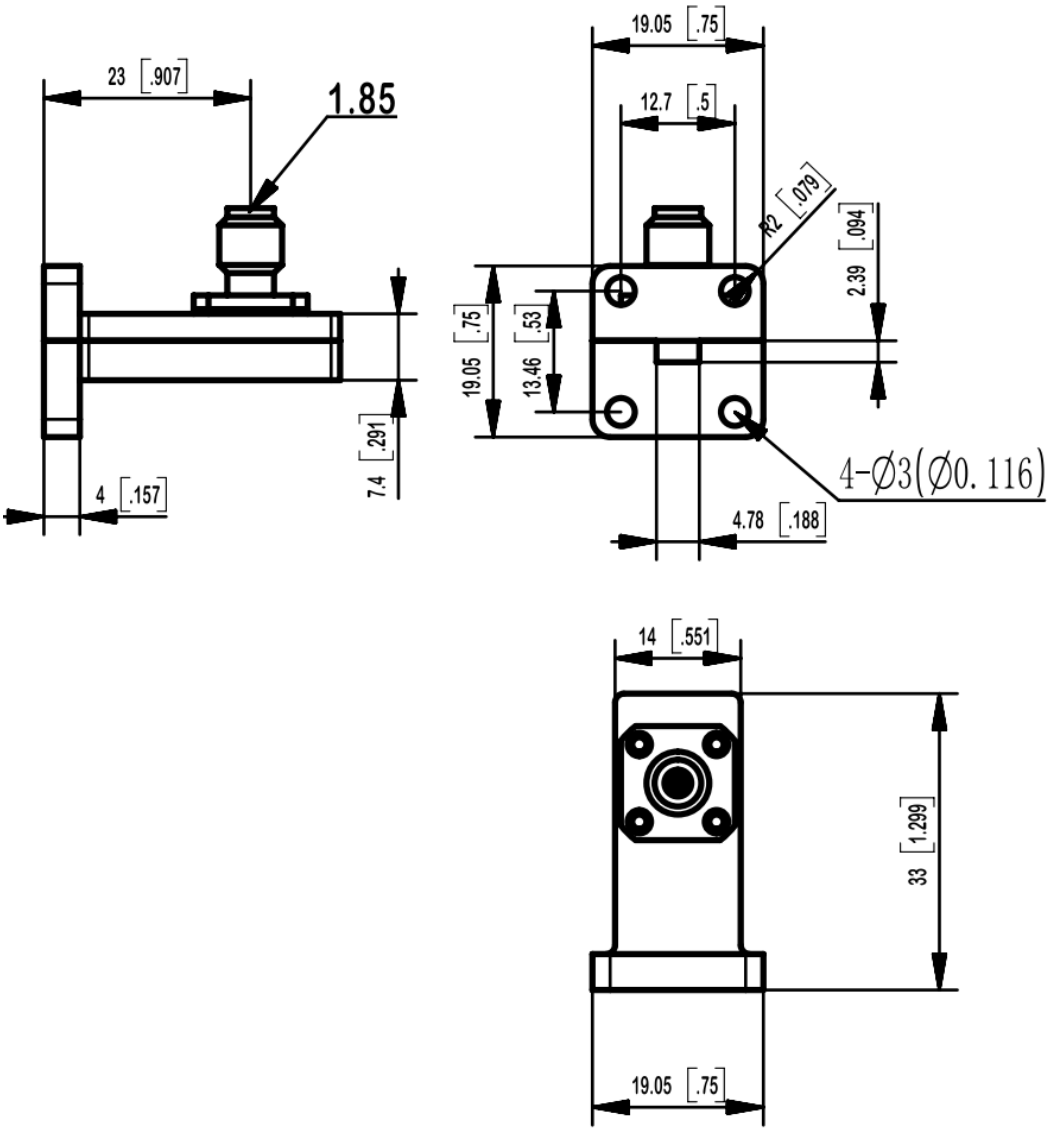



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**Dimensions(mm)**



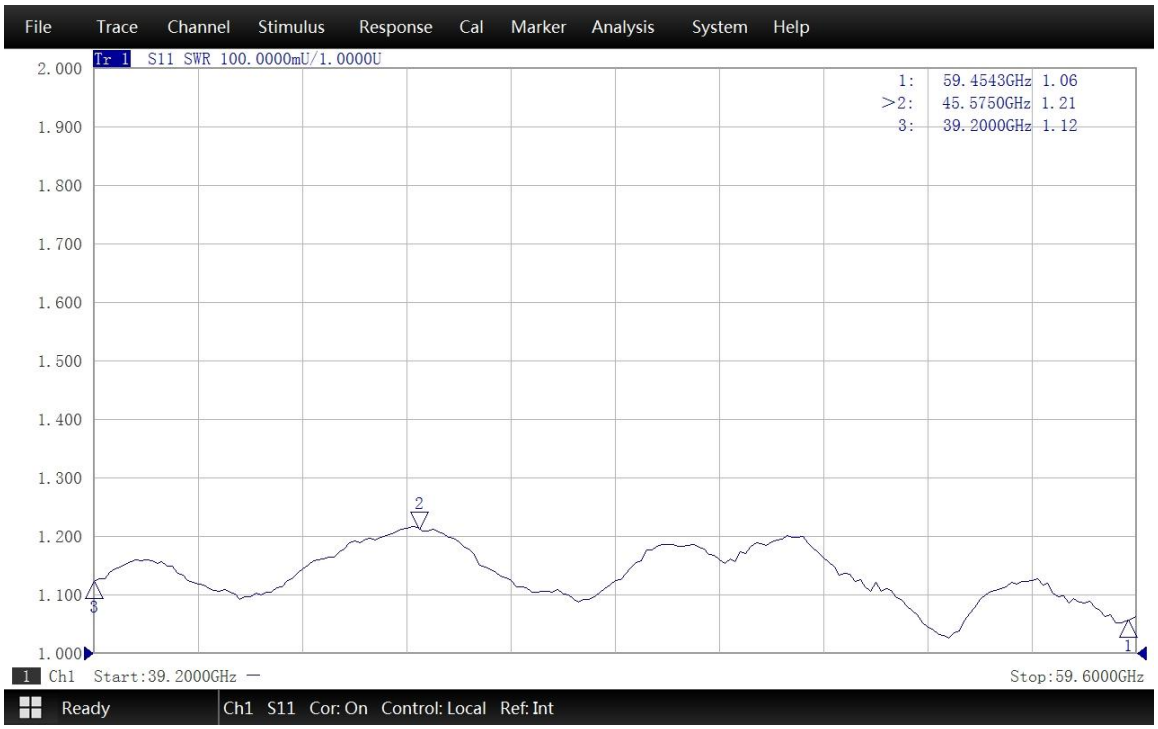
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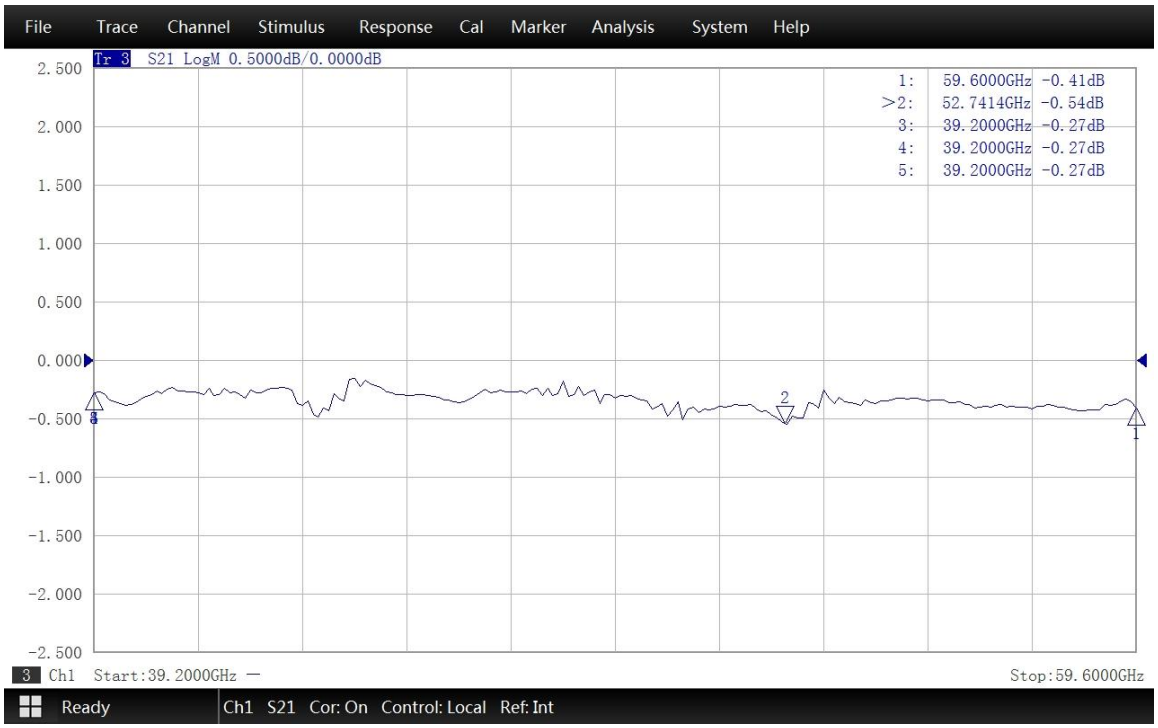



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### Typical Test Data at 25℃




VSWR




Insertion Loss*

* In Insertion Loss (IL) testing, adapters are measured back-to-back. To obtain the loss of a single adapter, divide the measured value by two.