

Waveguide Sliding Shorts

◆ *mm Wave range*

◆ *High VSWR*

DESCRIPTION

Designed for full reflection of an electromagnetic wave with a variable phase.

OPERATING CONDITIONS

Operating temperature range: 5...40 °C
Relative humidity: 98%

SPECIFICATIONS

| Model | Frequency range, GHz | Waveguide | Flange type | Moving reflector VSWR | Dimensions, mm | Weight, g | Note |
|---------|----------------------|-----------|-------------|-----------------------|----------------|-----------|---------------------------------|
| 9044 | 26.5-40 | WR-28 | UG-599/U | 50 | ∅ 20.3x102 | 145 | Movement count accuracy 0.01 mm |
| 9045 | 33-50 | WR-22 | UG-383/U | 50 | ∅ 28.6x64.5 | 120 | |
| 9046 | 50-75 | WR-15 | UG-385/U | 50 | ∅ 19x65 | 80 | |
| 9047 | 75-110 | WR-10 | UG-387/U | 20 | ∅ 19x135 | 80 | |
| 9047-01 | 110-170 | WR-6 | UG-387/U | 20 | ∅ 19x135 | 150 | |

Waveguide Fixed Terminations

| Model | Frequency range, GHz | Waveguide | Flange type | VSWR | Dimensions, mm |
|---------|----------------------|-----------|-------------|------|----------------|
| 9036 | 26.5-40 | WR-28 | UG-599/U | 1.03 | 19x19x75 |
| 9037 | 33-50 | WR-22 | UG-383/U | 1.03 | ∅ 28.6x40 |
| 9038 | 50-75 | WR-15 | UG-385/U | 1.03 | ∅ 19x34 |
| 9039 | 75-110 | WR-10 | UG-387/U | 1.06 | ∅ 19x23 |
| 9039-01 | 110-170 | WR-6 | UG-387/U | 1.09 | ∅ 19x23 |