

Waveguide Pressure Windows up to 110 GHz



TECHNICAL SPECIFICATIONS

- Frequency coverage from 0.32 GHz to 112 GHz – complete waveguide series WR2300 to WR10
- Typical insertion loss of only 0.2 dB
- **Various flange options**
FDP/FDM, FBP/FBM/FBE and FUGP for mmWave
- Corrosion protection with black finish
- Typical VSWR of 1.25 (max. 1.3 from WR22) across full waveguide bandwidth
- Pressure-tight construction with dielectric window disc
- **Materials**
Aluminum (lower bands), aluminum or copper (mid bands), copper (mmWave)

APPLICATIONS

Satellite ground stations and SatCom transmitter chains

Military radar systems and high-power transmitters

Vacuum chambers and low-pressure measurement systems

Inert gas-filled waveguide runs for protection of sensitive components

RF test and measurement equipment and lab setups

Scientific research and plasma physics