

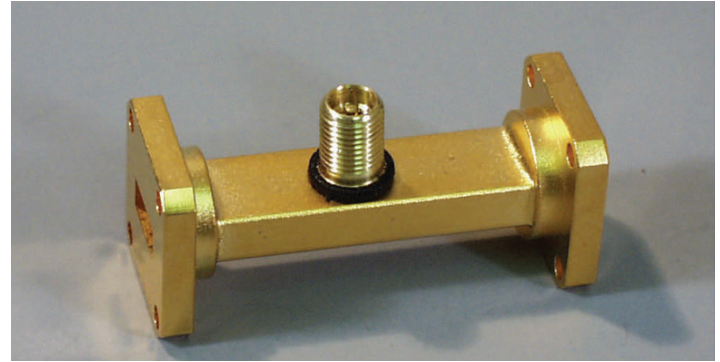
Description

Each of Mi-Wave's 705 Series Pressurizing Units consists of a short length of flanged, rectangular waveguide fitted with a Schrader valve and optional pressure gauge. These units are available in all standard wave-guide sizes from 12.4 to 220 GHz. In A-band, the choke-to-cover flange combination makes allowances for the insertion of a standard O-ring gasket to ensure maintenance of pressurization over operation. Provision is made for gaskets in the case of the round flanges used for millimeter wave frequencies.

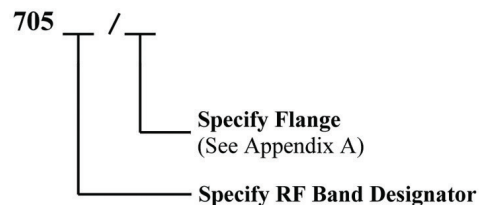
- *System Pressure Continuously Monitored*
- *Convenient Means for Pressurizing Waveguide Transmission Lines.*

Applications

The 700 Series Pressurizing Units are designed for applications such as high power radar systems that require a pressurized transmission line to prevent arcing during peak power operation. The pressurizing units can also be used to purge systems with dry gases in order to prevent condensation. These devices provide a simple means for introducing the desired pressurizing gas into the system and for continuous monitoring of internal pressure level.



Ordering Information



712 Series

Pressurizing Units



Description

Each of Mi-Wave's 712 Series Waveguide Bulkhead Adapter was developed for panel feed-thru use in systems. These 712 adapters operate over the full waveguide bands from 18.0 to 140 GHz. O-rings are provided on the panel mount for moisture resistance and a wide variety of flange types and configurations. Units come with body, two nuts and two O-rings. Standard lengths are 1.00 inches with custom lengths available upon request. Consult Mi-Wave for further details.

- *Full Waveguide Bandwidths*
- *O-ring, Provided for Moisture Resistance*
- *Waveguide Feed-thru for Panel Mount Applications*

Ordering Information

