



# FLANN MICROWAVE

## Seamless Semi-Rigid Waveguide Flange to Flange Adaptor Series 562

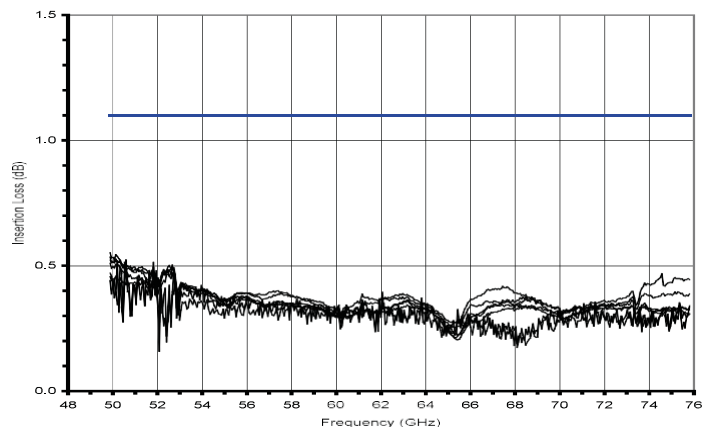
- Models 33 GHz to 330 GHz
- Low Loss - Comparable to drawn copper waveguide
- Low VSWR
- Ideal for installations
- Can be formed/reformed up to 5 times
- Weatherproofed & Waterproofed



*A low loss, hand formable waveguide section suitable for millimeter wave applications.*

At millimeter wave frequencies flexible waveguide is often not available, or the performance and reliability are considered unsatisfactory. For most applications a flexible section that could be bent or formed once, twice or three times at the most might be all that is required. To meet the needs of this type of application Flann have introduced the Series 562 range of Seamless Semi-Rigid Waveguide, which provide a low loss formable section encased in a ruggedised jacket. Models WG23(WR22) to WG30(WR5) are available in lengths to suit customer requirement.

Insertion Loss for Model 25562-L300 UG-385/U



The data above shows the change in Insertion Loss of a 300 mm length of a Flann WG25 (WR15) Semi Rigid Waveguide when formed 90° and straightened three times in the E plane then formed 90° and straightened three times in the H Plane. In each case the internal bend radius was 40 mm

### Related Products

Series

- 350: Coaxial Guide, Flange to Flange Adaptor (Cable Version)
- 352: Coaxial Guide, Flange to Flange Adaptor (Semi-Rigid Cable Version)

### Custom Design

Preformed models built to customer requirements.  
Custom built instruments can be supplied; please contact the sales team for more information.

### Ordering

Please specify the following:

WG designation	Series	-	L (Length mm)	Flange
23 to 30	562		Nominal Flange to Flange Length in mm	see flann.com

Example: 25562-L300 UG-385/U A WG25 (WR15) Seamless Semi-Rigid Waveguide, Flange to Flange Adaptor 300mm long with UG-385/U flange. Maximum length offered is 450mm



**FLANN MICROWAVE**

Seamless Semi-Rigid Waveguide  
Flange to Flange Adaptor  
Series 562

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