



Technical Data Sheet

Features

- WR75 (R120, WG17) operating frequency 10.0 - 15.0 GHz
- Flexible and twistable
- Flexible in both E and H plane
- Neoprene Rubber Jacket
- Brass Flanges
- Flange 1: Cover, Flange 2: CoverG

Electrical Specifications

Frequency	Insertion Loss	VSWR		Power Rating
Operating	Maximum	Maximum <36 in.	Maximum >36 in.	Watts
10.0 - 15.0 GHz	0.13 dB/ft.	1.10	1.12	500

Mechanical Specifications

Waveguide Size	-----	WR75 (R120, WG17)
Design	-----	Flexible and Twistable
Length	-----	48 inches
Static Bending Radius Rating Minimum, E-Plane	-----	2.1 inches
Static Bending Radius Rating Minimum, H-Plane	-----	4.2 inches
Repeated Bending Radius Rating Minimum, E-Plane	-----	8.5 inches
Repeated Bending Radius Rating Minimum, H-Plane	-----	17 inches
Static Twisting Rating Maximum	-----	112 +/- deg/ft
Repeated Twisting Rating Maximum	-----	28 +/- deg/ft
Static Length Tolerance	-----	0.13 (1%) +/- inches/foot
Static Internal Pressure Rating Maximum	-----	45 psig