



WR112 Flexible Twistable Waveguide 36 Inches

Model: ESAT-FW-112-36-N-04-04-R

Technical Data Sheet

Features

- WR112 (R84) operating frequency 7.05 - 10.00 GHz
- Flexible and twistable
- Flexible in both E and H plane
- Neoprene Rubber Jacket
- Brass Flanges
- Flange 1: Cover Grooved - Square
- Flange 2: Cover Grooved - Square

Specifications

Frequency Operating	Insertion Loss Maximum dB/ft. (m)	VSWR		Power Rating Watts
		< 36 in.	> 36 in.	
7.05 - 10.00 GHz	0.07 (0.23)	1.09	1.12	1200

Waveguide Size -----	WR112 (R84)
Design -----	Flexible and Twistable
Length -----	36 inches
Static Bending Radius Rating Minimum, E-Plane -----	3.0 inches
Static Bending Radius Rating Minimum, H-Plane -----	6.0 inches
Repeated Bending Radius Rating Minimum, E-Plane -----	12 inches
Repeated Bending Radius Rating Minimum, H-Plane -----	24 inches
Static Twisting Rating Maximum -----	79 +/- deg/ft
Repeated Twisting Rating Maximum -----	20 +/-deg/ft
Static Length Tolerance -----	0.13 (1%) +/- inches/foot
Static Internal Pressure Rating Maximum -----	35 psig

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REV. 2.0