



WR75 Flexible Twistable Waveguide 48 Inches

Model: ESAT-FW-75-48-N-03-04-R

Technical Data Sheet

Features

- WR75 (R120) 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 Flat - Square
- Flange 2: Cover Grooved - Square

Specifications

Frequency Operating	Insertion Loss Maximum dB/ft. (m)	VSWR		Power Rating Watts
		<36 in.	>36 in.	
10.0 - 15.0 GHz	0.13 (0.43)	1.10	1.12	500

Waveguide Size -----	WR75 (R120)
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

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REV. 2.0