



WR28 Flexible Twistable Waveguide 12 Inches

Model: ESAT-FW-28-12-N-03-03-R

Technical Data Sheet

Features

- WR28 (R320) Operating Frequency 26.50 - 40.00 GHz
- Flexible and Twistable
- Flexible in Both E and H Plane
- Neoprene Rubber Jacket
- Brass Flanges
- Flange 1: Cover Flat - Square
- Flange 2: Cover Flat - Square

Specifications

Frequency Operating	Insertion Loss Maximum dB/ft. (m)	VSWR		Power Rating Watts
		< 36 in.	> 36 in.	
26.50 - 40.00 GHz	0.61 (2.00)	1.32	1.37	75

Waveguide Size	-----	WR28 (R320)
Design	-----	Flexible and Twistable
Length	-----	12 inches
Static Bending Radius Rating Minimum, E-Plane	-----	0.8 inches
Static Bending Radius Rating Minimum, H-Plane	-----	1.6 inches
Repeated Bending Radius Rating Minimum, E-Plane	-----	3.2 inches
Repeated Bending Radius Rating Minimum, H-Plane	-----	6.3 inches
Static Twisting Rating Maximum	-----	280 +/- deg/ft
Repeated Twisting Rating Maximum	-----	70 +/-deg/ft
Static Length Tolerance	-----	0.13 (1%) +/- inches/foot (%)
Static Internal Pressure Rating Maximum	-----	45 psig

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REV. 2.0