

WR-22 Seamless Flexible Waveguide 12 Inch, UG-383/U Round Cover Flange Operating from 33 GHz to 50 GHz

Flexible Waveguides Technical Data Sheet

Features

- WR-22 waveguide
- · Flexes in both the E and H plane
- UG-383/U Round Cover Flange
- Q Band

Applications

- Allows expansion/contraction due to thermal issues.
- Test Benches

- Microwave Radio
- Eliminates installation problems
- 33 GHz to 50 GHz Frequency Range
- Brass flanges with a brass body
- Neoprene sleeve provides added protection and mechanical support
- caused by misalignment.
- Pressurized waveguide systems
- Provides vibration isolation

Description

The PE-W22SF005-12 is part of Pasternack's family of flexible, seamless waveguides which operates in the 33 to 50 GHz Q Band range. The flexible waveguide section is made of brass. It can be bent in both the E and H planes without impairing VSWR or attenuation. The waveguide section is covered by a neoprene jacket which protects the waveguide, provides mechanical support and allows the waveguide to be pressurized.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	33		50	GHz
VSWR		1.2:1		
Insertion Loss		0.49		dB
Input Power			100	Watts
Peak Power			12	kWatts

Mechanical Specifications

Waveguide Size Waveguide Design Section Length E-Plane Minimum Bend Radius, One Time H-Plane Minimum Bend Radius, One Time Maximum Operating Pressure

WR-22 Seamless 12 [in [304.8 mm]] 0.39 in [9.91 mm] 0.59 in [14.99 mm] 45 psig

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-22 Seamless Flexible Waveguide 12 Inch, UG-383/U Round Cover Flange Operating from 33 GHz to 50 GHz PE-W22SF005-12

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com



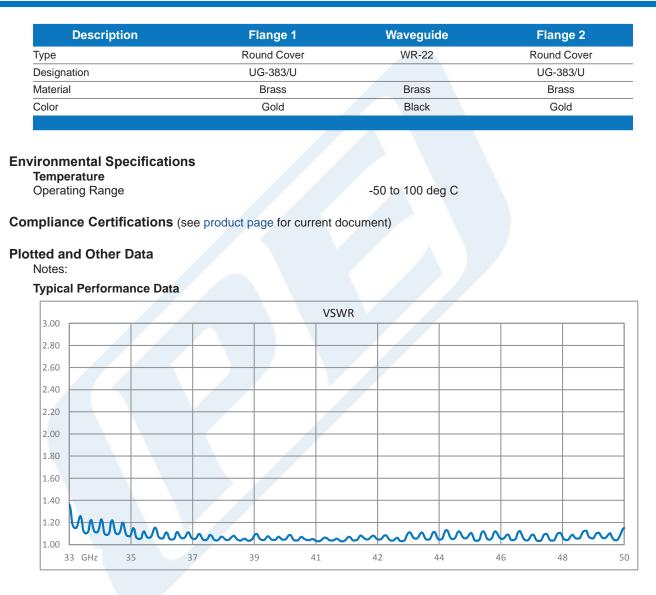




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URL: https://www.pasternack.com/wr22-seamless-flexible-waveguide-ug383-round-33-50-ghz-pe-w22sf005-12-p.aspx

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