

PE-W51B001

- WR-12 to WR-137 Waveguide Bends
- Grooved and Non-Grooved Flange Designs
- Available for frequency ranges between 5.8 GHz to 90 GHz
- Comprehensive waveguide offering also includes Waveguide Sections, Waveguide to Coax Adapters, Filters, Terminations, and more.
- High Precision Tolerance as Tight as $\pm 0.001"$

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	15		22	GHz
VSWR			1.1:1	
Insertion Loss		0.09		dB

Mechanical Specifications

Waveguide Size	WR-51
Waveguide Design	Instrumentation Grade

Description	Flange 1	Waveguide	Flange 2
Interface	R180	WR-51	R180
Material	Oxygen Free Hard Copper	Oxygen Free Hard Copper	Oxygen Free Hard Copper
Plating	Hard Gold over Copper Flash	Hard Gold over Copper Flash	Hard Gold over Copper Flash

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Notes:

- Values at +25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz PE-W51B001](#)

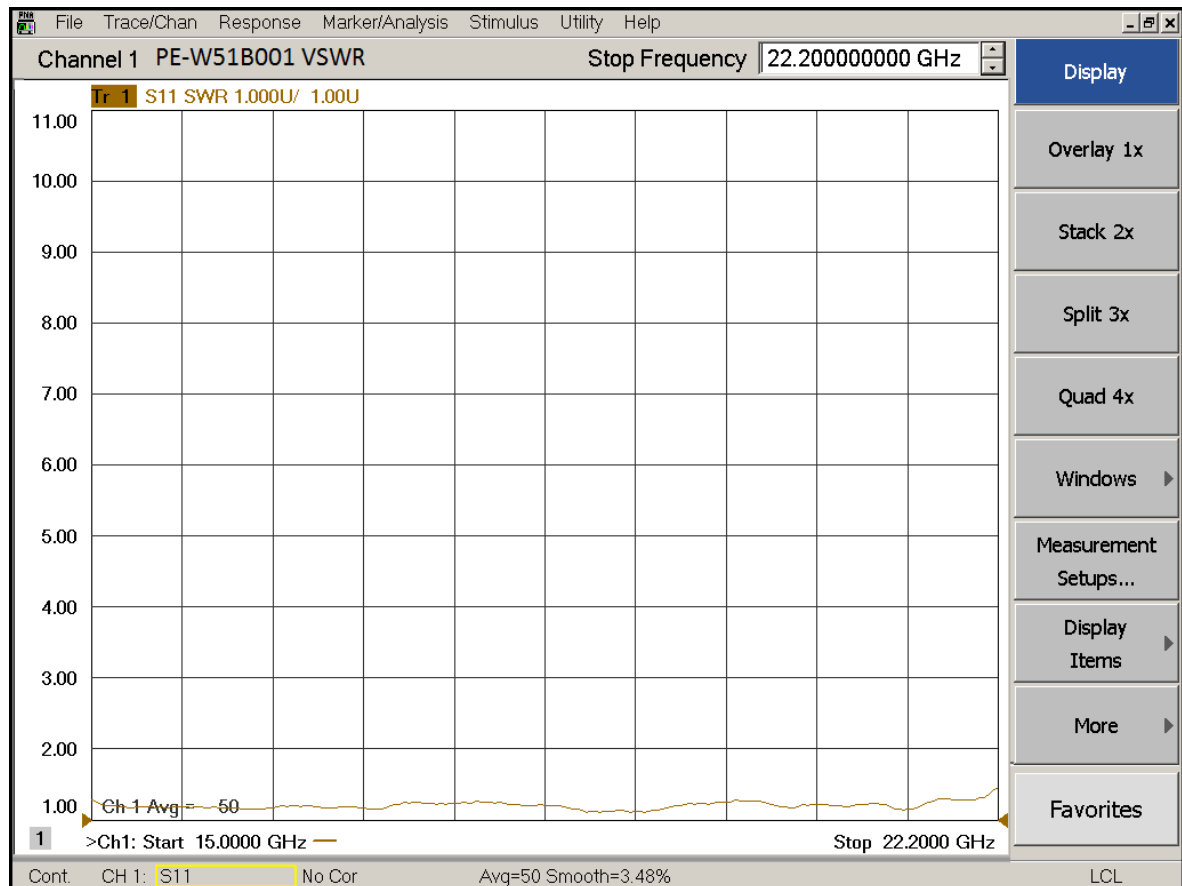


WR-51 Instrumentation Grade Waveguide E-Bend with
R180 Flange Operating from 15 GHz to 22 GHz

TECHNICAL DATA SHEET

PE-W51B001

Power Data



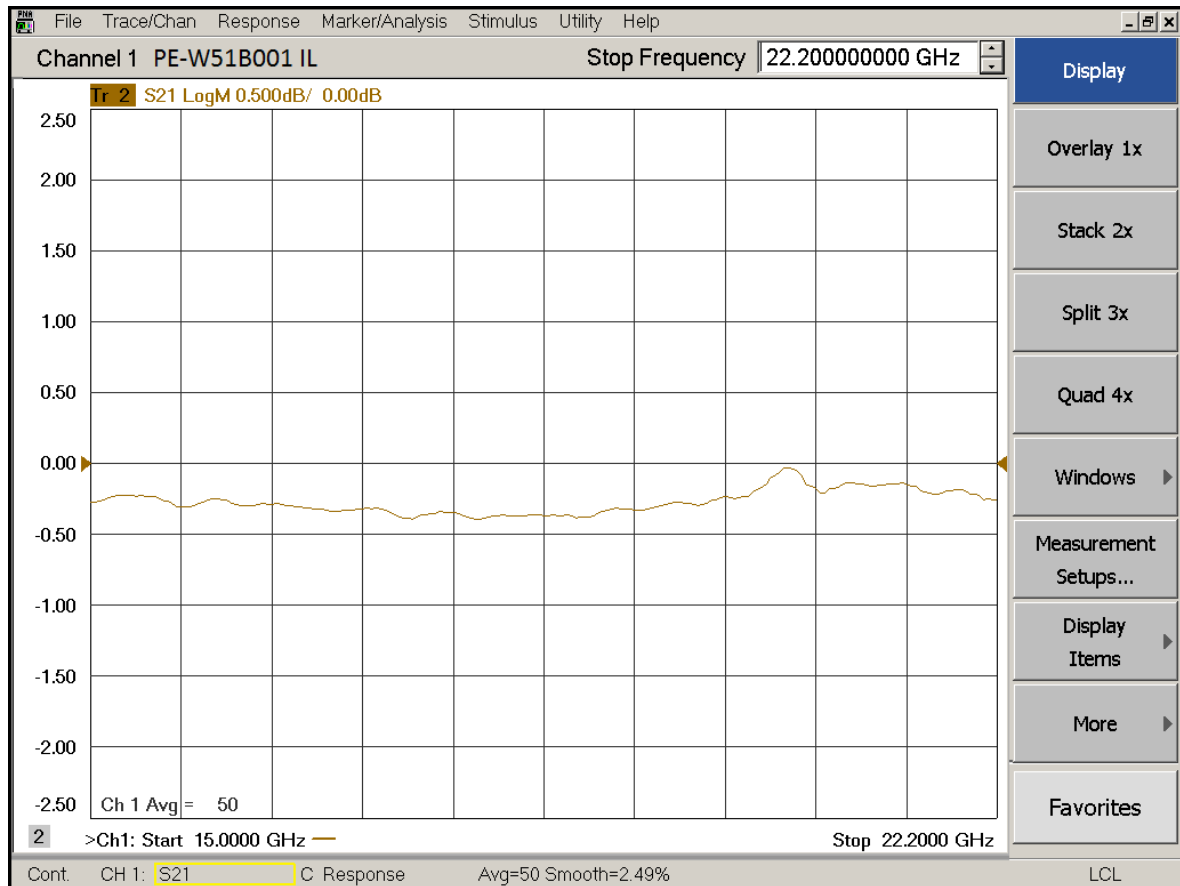
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz PE-W51B001](#)



WR-51 Instrumentation Grade Waveguide E-Bend with
R180 Flange Operating from 15 GHz to 22 GHz

TECHNICAL DATA SHEET

PE-W51B001



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz PE-W51B001](#)

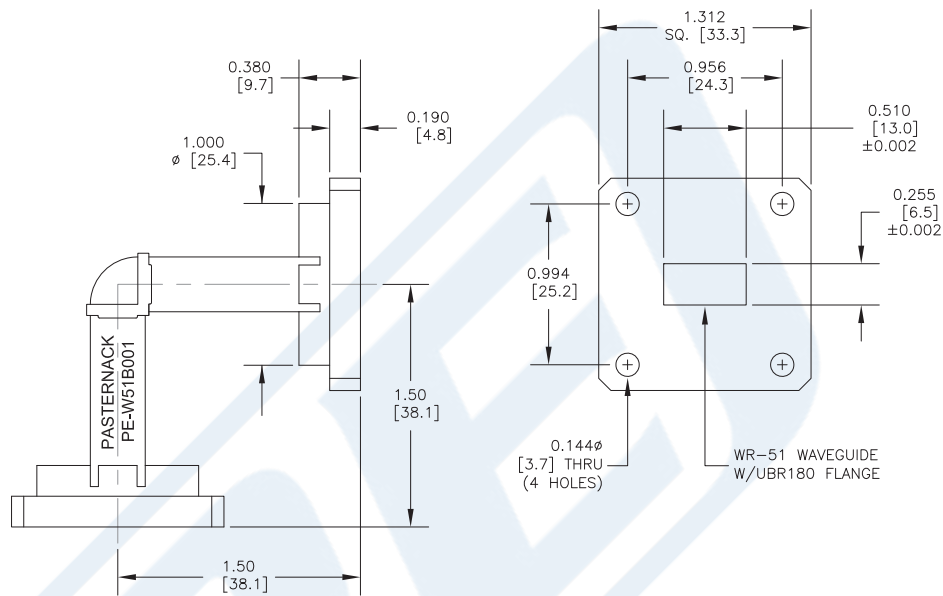


WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz

TECHNICAL DATA SHEET

PE-W51B001

Outline Drawing



WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-51 Instrumentation Grade Waveguide E-Bend with R180 Flange Operating from 15 GHz to 22 GHz PE-W51B001](http://www.pasternack.com/wr-51-waveguide-e-bend-r180-flange-15-22-ghz-pe-w51b001-p.aspx)

URL: <http://www.pasternack.com/wr-51-waveguide-e-bend-r180-flange-15-22-ghz-pe-w51b001-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.