

WR-10 Waveguide E-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range

SMF-10EB-001 is a WR-10 waveguide bend that is a E-Plain Bend type with a UG-387/U-Mod Round Cover flange. This WR-10 E-Bend waveguide with UG-387/U-Mod flange from Fairview is Instrumentation grade. Our WR-10 Instrumentation grade waveguide bend has a minimum frequency of 75 GHz and a maximum frequency of 110 GHz. WR-10 waveguide bend SMF-10EB-001 is part of over 40,000 RF, microwave and millimeter wave components available from Fairview. This Instrumentation grade WR-10 E-Bend waveguide with UG-387/U-Mod flange can ship worldwide the same day as it is purchased as with our other available RF parts.



Features:

- WR-10 Waveguide E-Plain Bend
- UG-387/U-Mod Round Cover Flange
- 75 GHz to 110 GHz Frequency Ranges
- Comprehensive waveguide offerings also includes Waveguide Sections, Waveguide to Coax Adapters, Filters, Terminations, and more.

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	75		110	GHz
VSWR			1.1:1	
Insertion Loss		0.21		dB

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size	WR-10
Waveguide Design	Instrumentation Grade
Flange 1	
Flange Type	Round Cover
Flange Designation	UG-387/U-Mod
Material	Oxygen Free Hard Copper
Plating	Hard Gold over Copper Flash
Waveguide	
Interface	WR-10
Material	Oxygen Free Hard Copper
Plating	Hard Gold over Copper Flash
Flange 2	
Flange Type	Round Cover
Flange Designation	UG-387/U-Mod
Material	Oxygen Free Hard Copper
Plating	Hard Gold over Copper Flash
Size	
Weight	0.0535 lbs [24.27 g]

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level

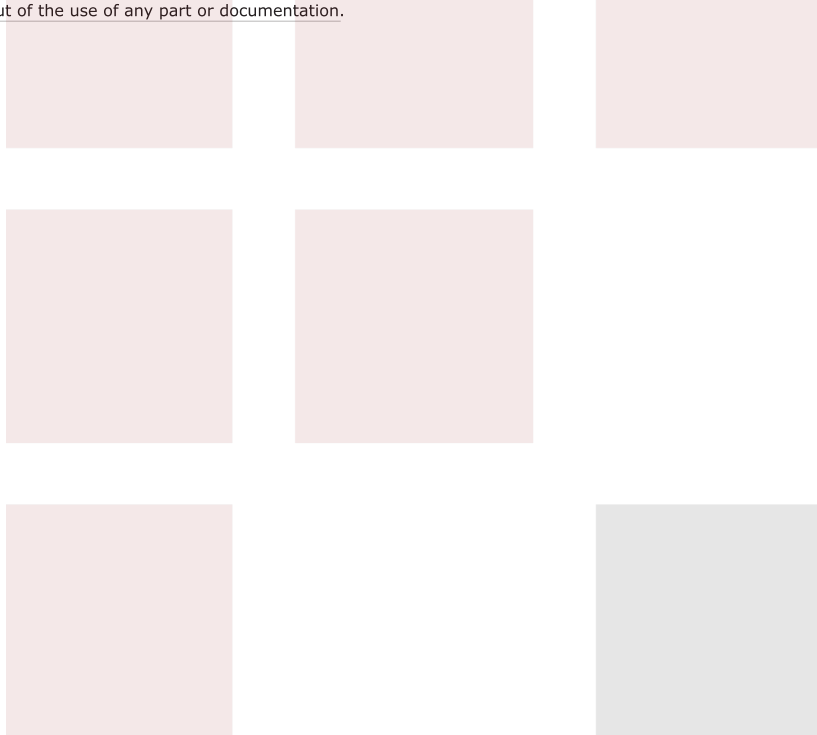
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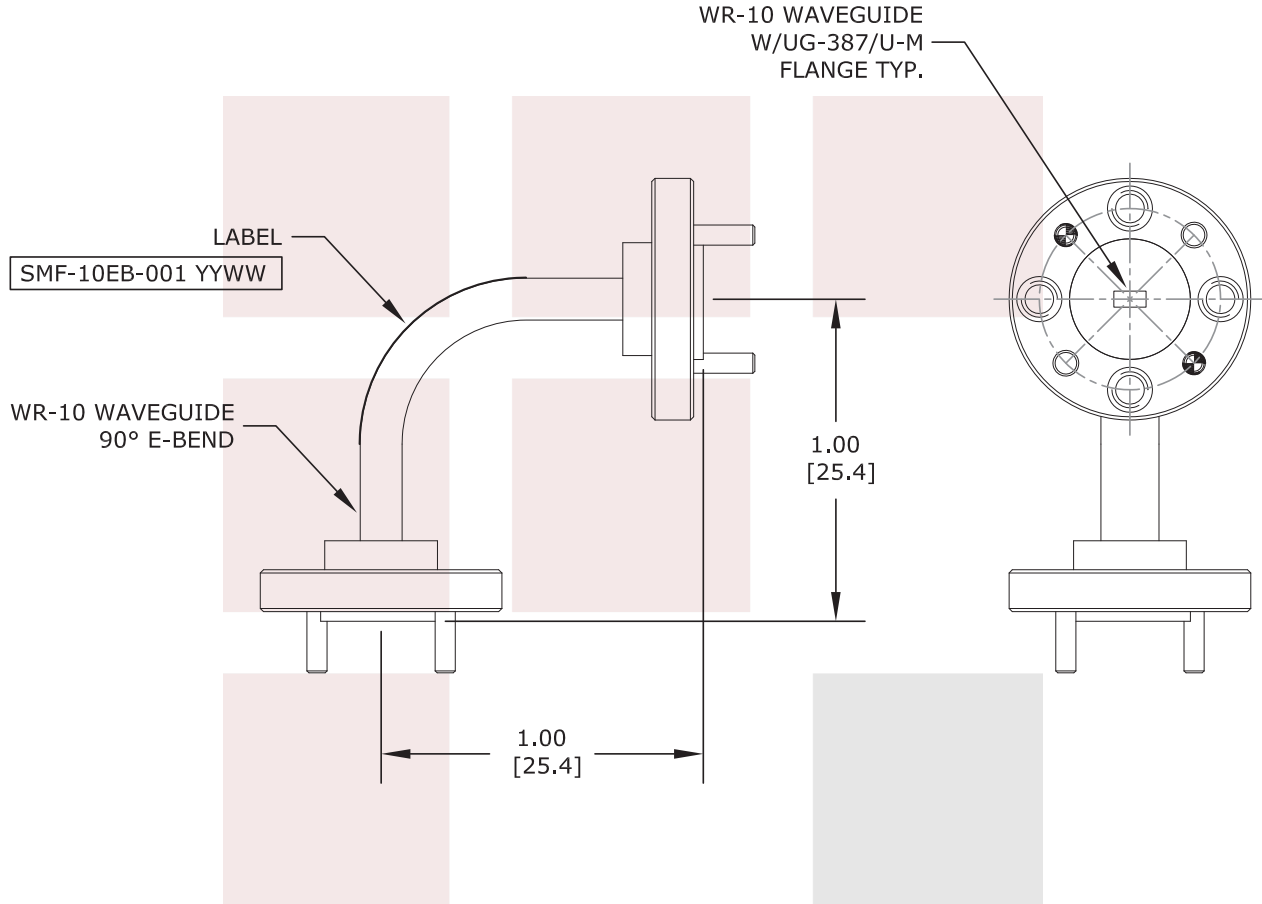
WR-10 Waveguide E-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-10 Waveguide E-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range SMF-10EB-001](#)

URL: <https://www.fairviewmicrowave.com/wr-10-waveguide-e-bend-ug-387-u-mod-flange-75-110-ghz-smf-10eb-001-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN: inches [mm]
 TOLERANCES ARE:
 DECIMALS ANGLES FRACTIONS
 .XX ±.01 ±1/2° ± 1/64
 [±.25] [± 127/320]
 .XXX ±.005
 [±.127]

* THESE DIMENSIONS AND TOLERANCES SUPERSEDE NOTE #1 ON TITLE BLOCK.

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE WR-10 Waveguide E-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range		DWG NO SMF-10EB-001		CAGE CODE 3FKR5	
CAD FILE	010317	SHEET	SCALE	N/A	SIZE A 2233