

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

SMF-10HB-001 is a WR-10 waveguide bend that is a H-Plain Bend type with a UG-387/U-Mod Round Cover flange. This WR-10 H-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-10HB-001 is part of over 40,000 RF, microwave and millimeter wave components available from Fairview. This Instrumentation grade WR-10 H-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 H-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	0.0505 lbs [22.91 g]

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

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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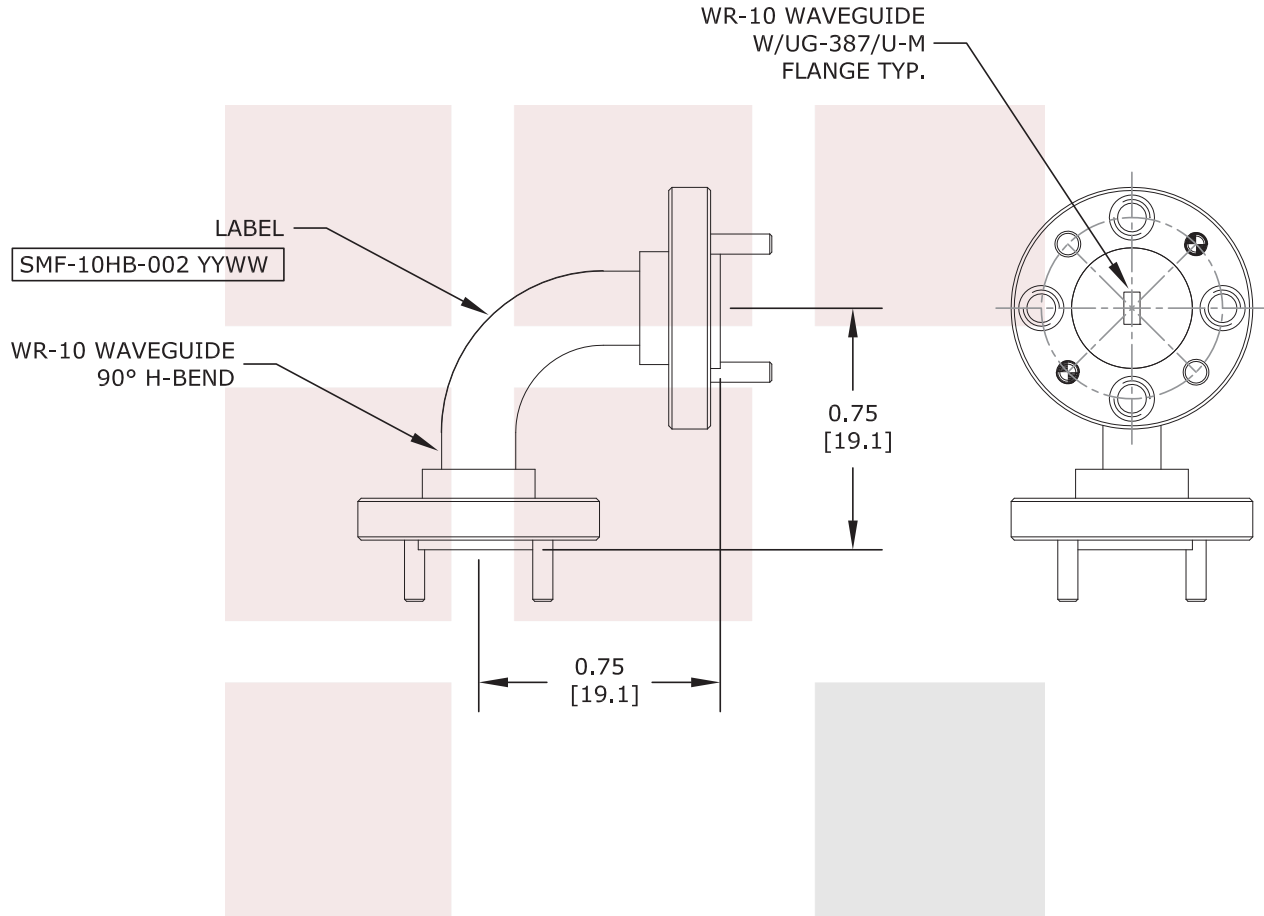
WR-10 Waveguide H-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas.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

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

URL: <https://www.fairviewmicrowave.com/wr-10-waveguide-h-bend-ug-387-u-mod-flange-75-110-ghz-smf-10hb-001-p.aspx>

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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.		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].			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO SMF-10HB-002		CAGE CODE 3FKR5	
TITLE WR-10 Waveguide H-Bend Instrumentation Grade Using UG-387/U-Mod Flange With a 75 GHz to 110 GHz Frequency Range		CAD FILE 010317	SHEET	SCALE N/A	SIZE A 2233