

**WR-10 Waveguide Section 3 Inch Straight Length
 With UG-387/U-Mod Round Cover Flange from
 75 GHz to 110 GHz in Instrumentation Grade**

SMF-10S001-03 WR-10 waveguide section is straight and is 3 inches long. This 3 inch WR-10 straight waveguide section from Fairview has a UG-387/U-Mod Round Cover flange. Our straight WR-10 waveguide section with UG-387/U-Mod Round Cover flange has a minimum frequency of 75 GHz and a maximum frequency of 110 GHz. WR-10 waveguide section SMF-10S001-03 is part of over 40,000 RF, microwave and millimeter wave components. Our Instrumentation grade WR-10 straight waveguide section will ship same the day as it is purchased worldwide as with our other RF parts.



Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	75		110	GHz
VSWR			1.06:1	

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size	WR-10
Waveguide Design	Instrumentation Grade
Section Length	3 in [76.2 mm]
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	0.0615 lbs [27.9 g]

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

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level

Features:

- WR-10 3 Inch Waveguide Sections
- UG-387/U-Mod Round Cover Flange
- 75 GHz to 110 GHz Frequency Range
- Comprehensive waveguide offering also includes E-Bends, H-Bends, Waveguide to Coax Adapters, Filters, Terminations, and more.

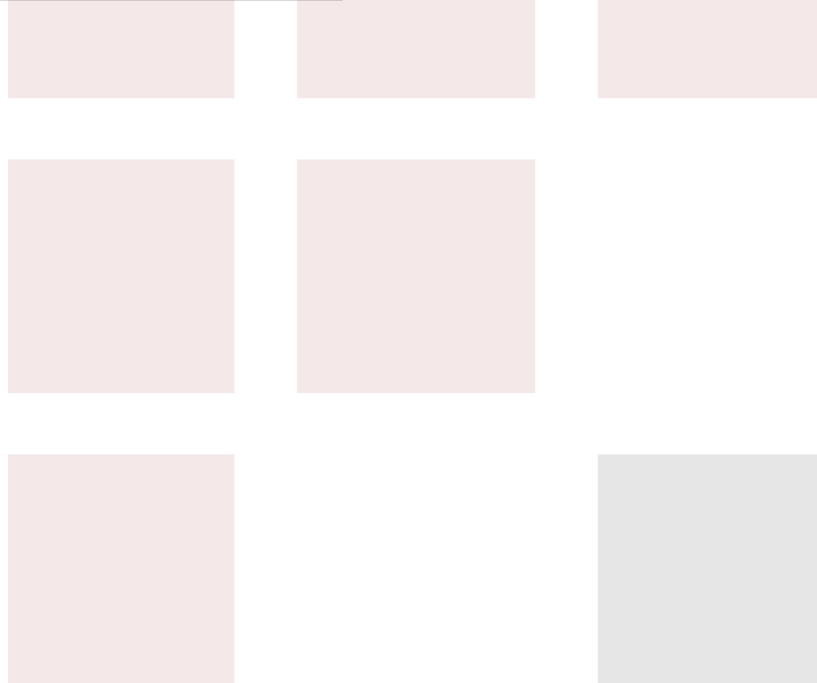
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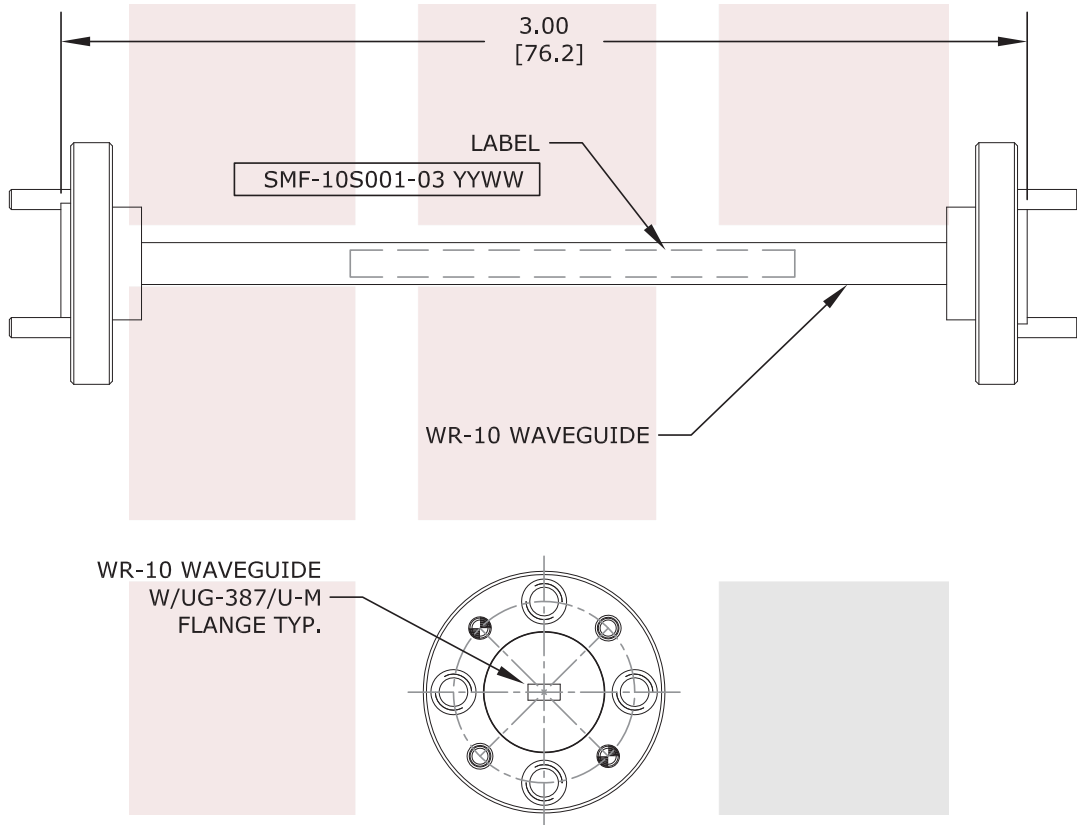
WR-10 Waveguide Section 3 Inch Straight Length With UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz in Instrumentation Grade from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-10 Waveguide Section 3 Inch Straight Length With UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz in Instrumentation Grade SMF-10S001-03](#)

URL: <https://www.fairviewmicrowave.com/wr-10-waveguide-section-straight-ug387-mod-round-instrumentation-smf-10s001-03-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.		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-10S001-03		CAGE CODE 3FKR5	
TITLE WR-10 Waveguide Section 3 Inch Straight Length With UG-387/U-Mod Round Cover Flange from 75 GHz to 110 GHz in Instrumentation Grade		CAD FILE 010317	SHEET	SCALE N/A	SIZE A 2233