

WR-187 Waveguide H-Bend using UG Cover and Grooved Flanges with a 3.94 GHz to 5.99 GHz Frequency Range



FMW187B002

Features

- WR-187 Waveguide E-Plane Bend
- UG Cover and UG Grooved Flange
- 3.94 GHz to 5.99 GHz Frequency Ranges
- Comprehensive waveguide offerings also includes Waveguide Sections, Waveguide to Coax Adapters, Filters, Terminations, and more.

Applications

- Transmission Systems
- Test and Laboratory Setups

Description

FMW187B002 is a WR-187 waveguide bend that is a H-Plane Bend type with a UG Cover and UG Grooved flange. This WR-187 H-Bend waveguide with UG Cover and UG Grooved from Fairview Microwave is Instrumentation grade. Our WR-187 Instrumentation grade waveguide bend has a minimum frequency of 3.94 GHz and a maximum frequency of 5.99 GHz. WR-187 waveguide bend FMW187B002 is part of over 40,000 RF, microwave and millimeter wave components available from Fairview Microwave. This Instrumentation grade WR-187 E-Bend waveguide with UG Cover and UG Grooved flange can ship worldwide the same day as it is purchased as with our other available RF parts.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	3.94		5.99	GHz
VSWR			1.1:1	
Insertion Loss		0.2		dB

Mechanical Specifications

Waveguide Size WR-187

Description	Flange 1	Waveguide	Flange 2
Flange Type	UG Cover		UG Grooved
Flange Designation	UG	WR-187	UG
Material	Aluminum	Aluminum	Aluminum
Plating	Chromate Conversion	Chromate Conversion	Chromate Conversion

Temperature

Operating Range -40 to +70 deg C

Size

Weight 0.59 lbs [267.62 g]

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

Plotted and Other Data

Notes:

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WR-187 Waveguide H-Bend using UG Cover and Grooved Flanges with a 3.94 GHz to 5.99 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-187 Waveguide H-Bend using UG Cover and Grooved Flanges with a 3.94 GHz to 5.99 GHz Frequency Range FMW187B002](https://www.fairviewmicrowave.com/wr-187-waveguide-h-bend-ug-flange-3.94-5.99-ghz-fmw187b002-p.aspx)

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FMW187B002 CAD Drawing

WR-187 Waveguide H-Bend using UG Cover and Grooved Flanges with a 3.94 GHz to 5.99 GHz Frequency Range

