

WR-62 Waveguide E-Bend Commercial Grade Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range



SMF62EB

Features

- WR-62 Waveguide E-Plane Bend
- UG Square Cover Flange
- 12.4 GHz to 18 GHz Frequency Ranges
- Comprehensive waveguide offerings also includes Waveguide Sections, Waveguide to Coax Adapters, Filters, Terminations, and more.

Applications

- Satellite Communications
- Radar Systems
- Test and Laboratory Setups

Description

SMF62EB is a WR-62 waveguide bend that is a E-Plane Bend type with a UG Square Cover flange. This WR-62 E-Bend waveguide with UG Square Cover from Fairview Microwave is Instrumentation grade. Our WR-62 Instrumentation grade waveguide bend has a minimum frequency of 12.4 GHz and a maximum frequency of 18 GHz. WR-62 waveguide bend SMF62EB is part of over 40,000 RF, microwave and millimeter wave components available from Fairview Microwave. This Instrumentation grade WR-62 E-Bend waveguide with UG Square Cover 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	12.4		18	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

Mechanical Specifications

Waveguide Size	WR-62
Waveguide Design	Commercial Grade

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG-419/U	WR-62	UG-419/U
Material	Copper Alloy	Copper Alloy	Copper Alloy
Plating	Paint	Paint	Paint

Size	
Weight	0.3175 lbs [144.02 g]

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

Plotted and Other Data

Notes:

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WR-62 Waveguide E-Bend Commercial Grade Using UG-419/U Flange With a 12.4 GHz to 18 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-62 Waveguide E-Bend Commercial Grade Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range SMF62EB](https://www.fairviewmicrowave.com/wr-62-waveguide-e-bend-ug-419-u-flange-12.4-18-ghz-smf62eb-p.aspx)

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The information contained within 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 liability arising out of the use of any part or document.

SMF62EB CAD Drawing

WR-62 Waveguide E-Bend Commercial Grade Using UG-419/U Flange

With a 12.4 GHz to 18 GHz Frequency Range

