

WR-62 Waveguide Section 12 Inch Length Straight Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range in Commercial Grade

Electrical Specifications*

| Description | Min | Typ | Max | Units |
|-----------------|------|-----|------------|--------------|
| Frequency Range | 12.4 | | 18 | GHz |
| VSWR | | | 1.03:1 | |
| Insertion Loss | | | 0.1 [0.33] | dB/ft [dB/m] |

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size: WR-62
 Waveguide Design: Commercial Grade
 Section Length: 12 in [304.8 mm]

Flange 1

Interface: UG-419/U
 Material: Copper Alloy
 Plating: Paint

Waveguide

Interface: WR-62
 Material: Copper Alloy
 Plating: Paint

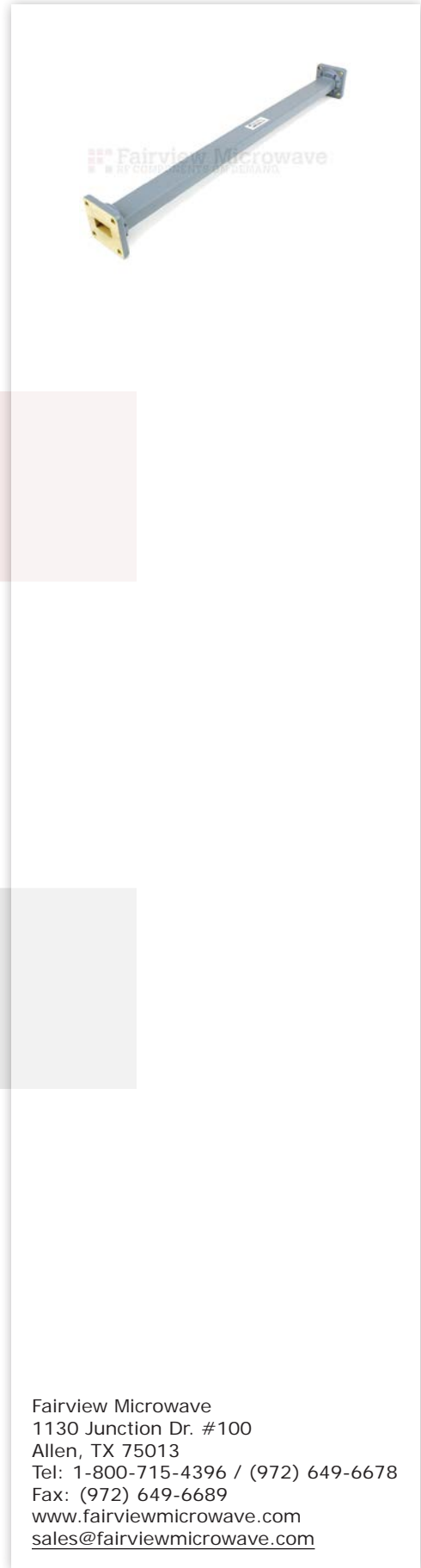
Flange 2

Interface: UG-419/U
 Material: Copper Alloy
 Plating: Paint

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:
 • Values at 25 °C, sea level



Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

WR-62 Waveguide Section 12 Inch Length Straight Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range in Commercial 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.

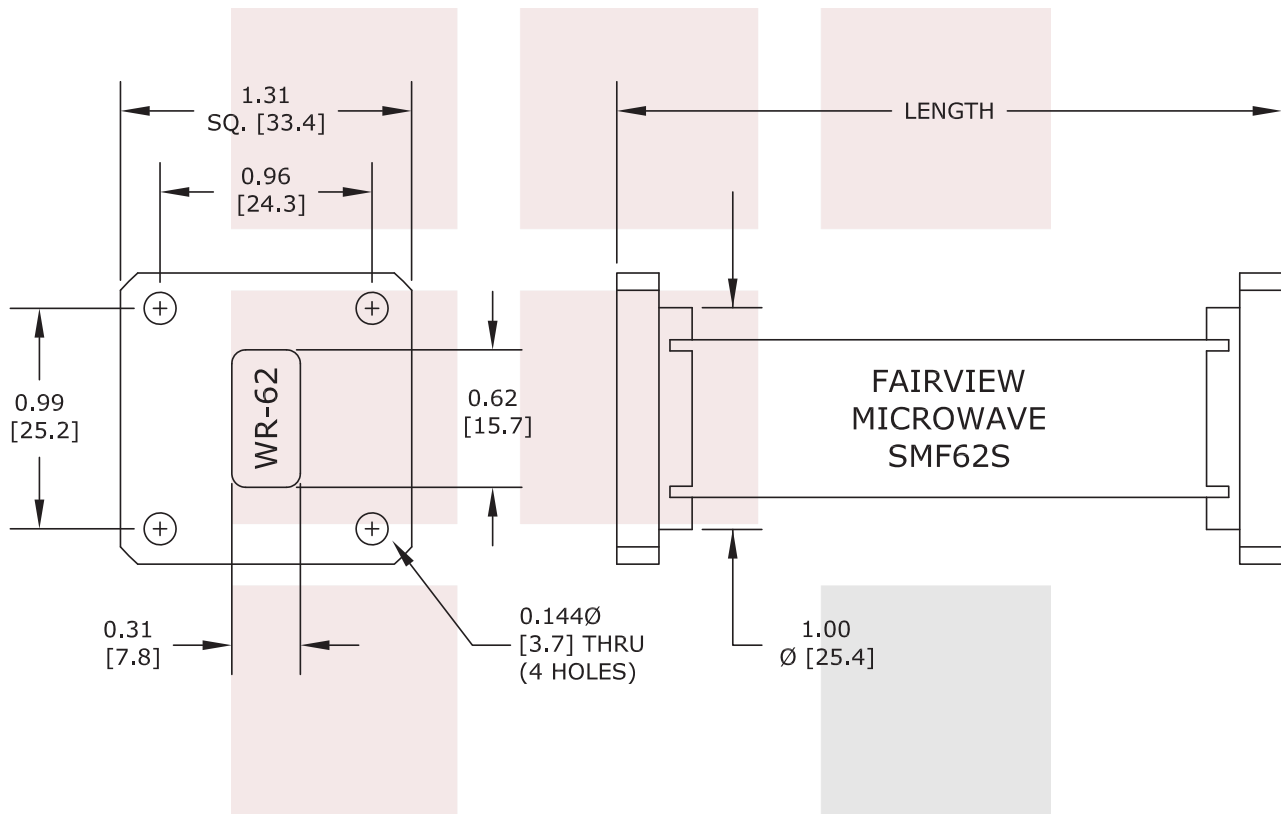
For additional information on this product, please click the following link: [WR-62 Waveguide Section 12 Inch Length Straight Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range in Commercial Grade SMF62S-12](#)

URL: <http://www.fairviewmicrowave.com/wr-62-waveguide-section-ug-419-flange-12.4-18-ghz-smf62s-12-p.aspx>

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| WR62 | |
|-----------|--------|
| PN | Length |
| SMF62S-3 | 3 in. |
| SMF62S-6 | 6 in. |
| SMF62S-9 | 9 in. |
| SMF62S-12 | 12 in. |



| | | | | | |
|--|--------|---|-------|--------------------|-------------|
| 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-62 Waveguide Section 12 Inch Length Straight Using UG-419/U Flange With a 12.4 GHz to 18 GHz Frequency Range in Commercial Grade | | DWG NO SMF62S | | CAGE CODE 3FKR5 | |
| CAD FILE | 062414 | SHEET | SCALE | N/A | SIZE A 2233 |