

## SMA TO WR-62 COAX TO WAVEGUIDE ADAPTER

12.4 GHz TO 18.0 GHz

SMA-WR62

### KEY FEATURES

- Ku-band SMA female to WR-62 coaxial to waveguide adapter
- Durable all-metal body (aluminum)
- VSWR below 1.5:1 (typically below 1.25:1) with insertion loss less than 0.6 dB
- Professionally designed and hand-tested by engineers in the United States



SMA-WR62

### SPECIFICATIONS

- Design: Square Flange with Right-Angle Feed
- Operating Frequency: 12.4 GHz to 18.0 GHz
- Body Material and Plating: Aluminum Alloy, Paint
- RF Connector Type: SMA Female
- RF Connector Body Material: Stainless Steel
- Waveguide Size: WR-62
- Flange: UG-1665/U
- Length: 1.7 in [44 mm]
- Width: 1.3 in [33 mm]
- Height: 1.0 in [26 mm]

### PERFORMANCE DATA

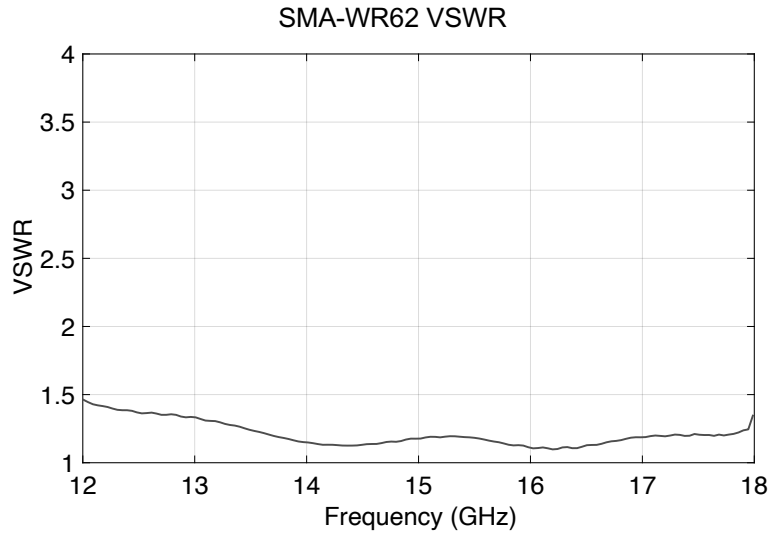
Parameter	Frequency	Min.	Typ.	Max.	Unit
VSWR	12.4 GHz – 18.0 GHz	—	1.25	1.5	—
Insertion Loss	12.4 GHz – 18.0 GHz	0.1	0.3	0.6	dB
Input Power	—	—	—	20	W
Impedance	—	50			$\Omega$
Connector	—	WR-62 UG-1665/U			—

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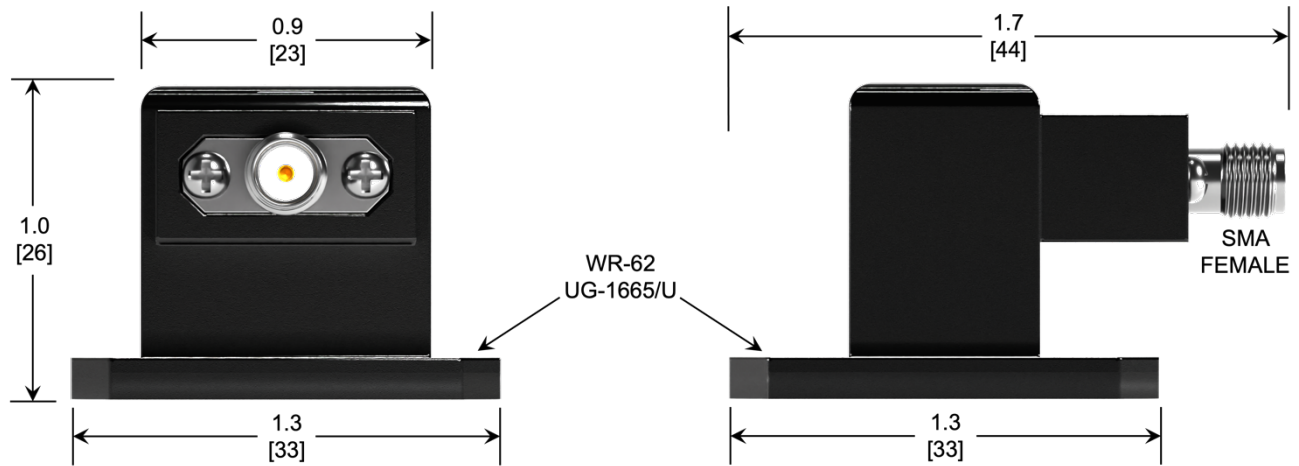
12.4 GHz TO 18.0 GHz

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## PERFORMANCE DATA (CONT.)



## CAD DRAWING



### NOTES

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL
2. DIMENSIONS ARE IN INCHES [mm]
3. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME