

## FWTR-D500-75

### WRD-500 to WR-75

Features:  
 \* Low VSWR  
 \* High Isolation

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

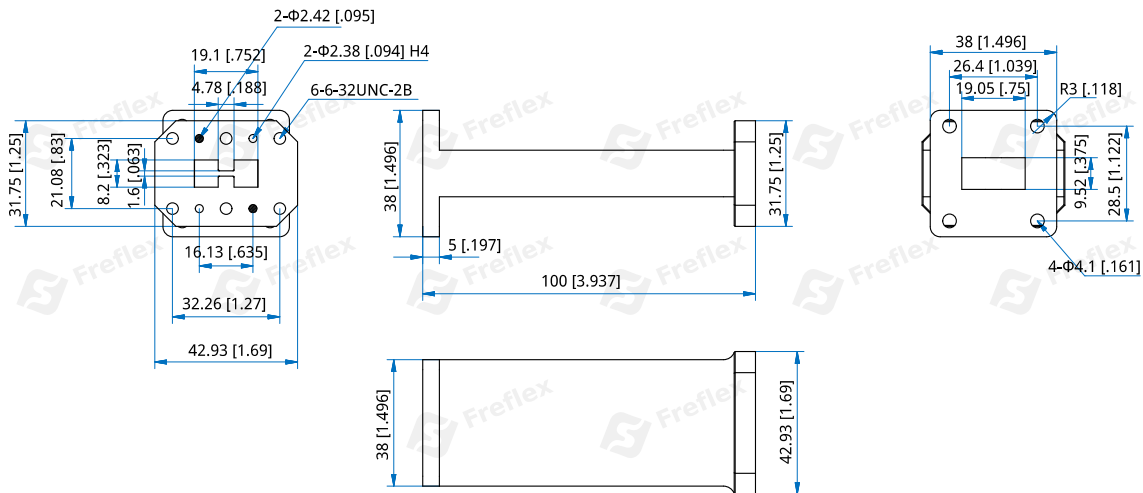
#### Electrical

Frequency: 9.84–15GHz  
 VSWR: 1.2 max.  
 Insertion Loss: 0.15dB max.

#### Mechanical

Waveguide Size & Flange: WRD-500 with FPWRD500  
 Waveguide Size & Flange: WR-75 (BJ120) with FBP120  
 Material: Aluminum  
 Finishing: Conductive oxidation  
 Coating: Gray paint

#### Outline Drawings



Outline A

Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

#### How To Order

**FWTR-D500-75-W-X-Y**

W: Length  
 X: Material  
 Y: Flange type

Length in mm.  
 100 - 100mm (Outline A)

Material naming rules:  
 A - Aluminum (Outline A)

Flange naming rules:  
 8-1 - FPWRD500-FBP120 (Outline A)

#### Examples:

To order a Waveguide Transition, WRD-500 to WR-75, 100mm, Aluminum, FPWRD500-FBP120, specify FWTR-D500-75-100-A-8-1.

Customization is available upon request.