

## FWTR-D500-112

### WRD-500 to WR-112

Features:  
 \* Low VSWR  
 \* High Isolation

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

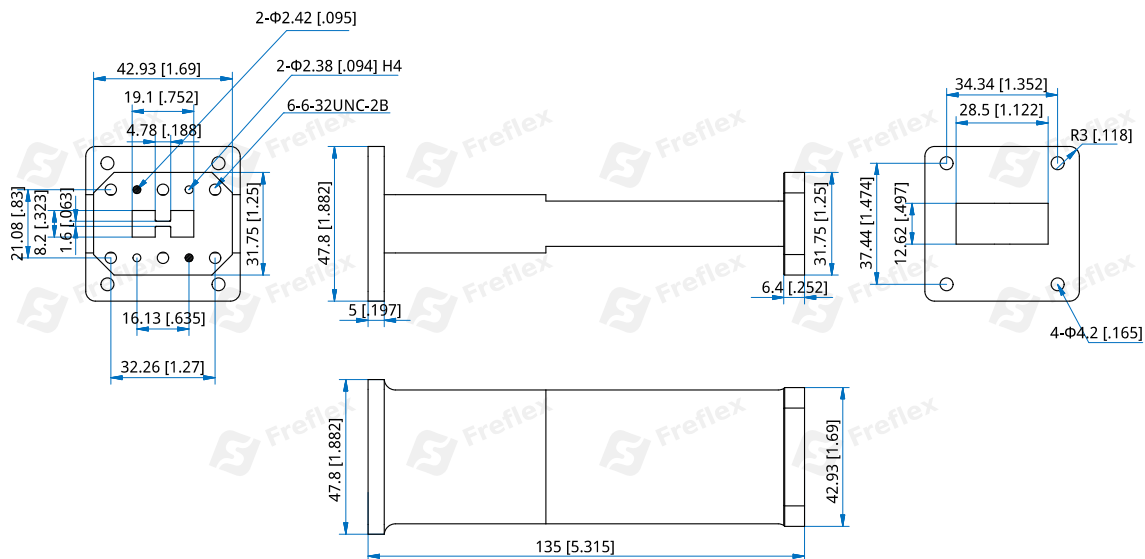
#### Electrical

Frequency: 6.57-9.99GHz  
 VSWR: 1.3 max.  
 Insertion Loss: 0.15dB max.

#### Mechanical

Waveguide Size & Flange: WRD-500 with FPWRD500  
 Waveguide Size & Flange: WR-112 (BJ84) with FBP84  
 Material: Aluminum  
 Finishing: Conductive oxidation  
 Coating: Gray paint

#### Outline Drawings



Outline A

Unit: mm [in]  
 Tolerance:  $\pm 0.5\text{mm}$  [ $\pm 0.02\text{in}$ ]

#### How To Order

**FWTR-D500-112-W-X-Y**

W: Length  
 X: Material  
 Y: Flange type

Length in mm.  
 135 - 135mm (Outline A)

Material naming rules:  
 A - Aluminum (Outline A)

Flange naming rules:  
 8-1 - FPWRD500-FBP84 (Outline A)

Examples:  
 To order a Waveguide Transition, WRD-500 to WR-112, 135mm, Aluminum, FPWRD500-FBP84, specify FWTR-D500-112-135-A-8-1.

Customization is available upon request.