

FWTR-D500-90

WRD-500 to WR-90

Features:
 * Low VSWR
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

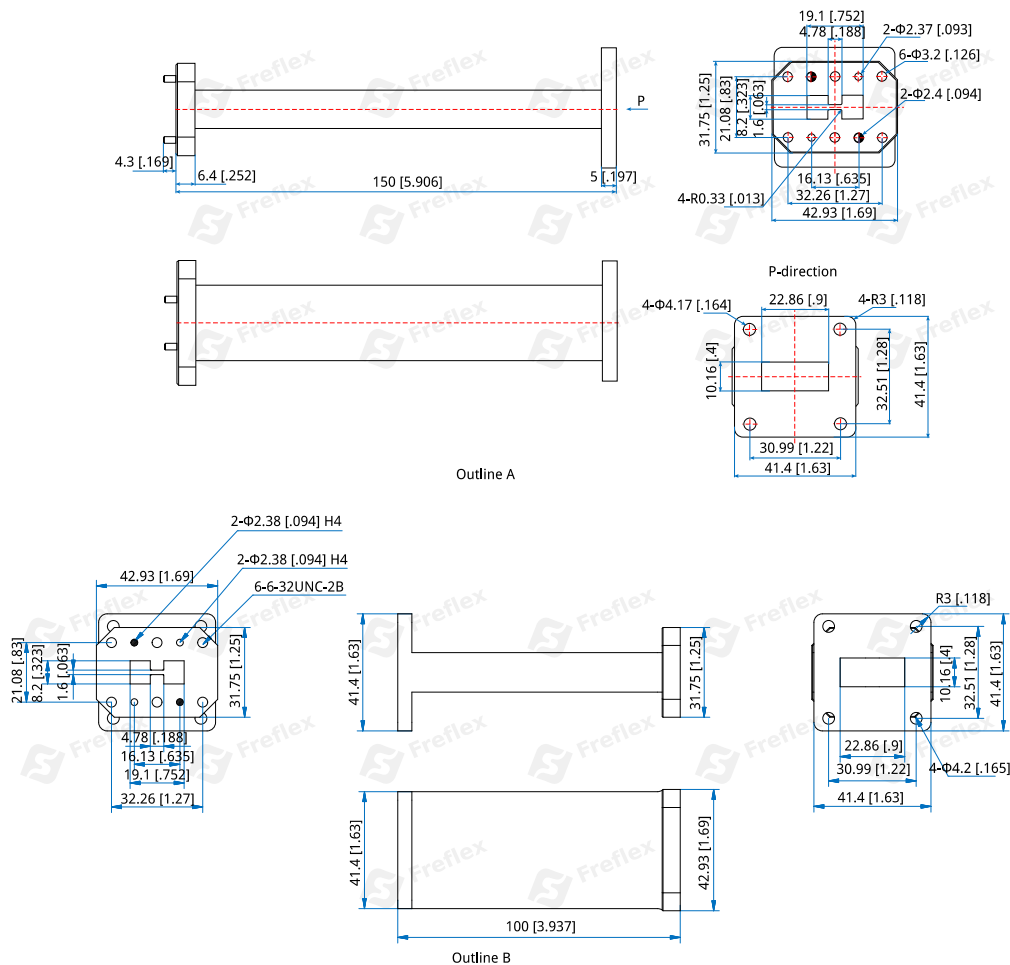
Electrical

Frequency: 8.2~12.5GHz
 VSWR: 1.25 max.
 Insertion Loss: 0.15dB max. (Outline B)

Mechanical

Waveguide Size & Flange: WRD-500 with FPWRD500
 Waveguide Size & Flange: WR-90 (BJ100) with FBP100
 Material: Brass
 Aluminum (Outline B)
 Finishing: Silver plating
 Conductive oxidation (Outline B)
 Coating: Sea gray
 Gray paint (Outline B)

Outline Drawings



Unit: mm [in]

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

How To Order

FWTR-D500-90-W-X-Y

W: Length

X: Material

Y: Flange type

Length in mm.

150 - 150mm (Outline A)

100 - 100mm (Outline B)

Material naming rules:

B - Brass (Outline A)

A - Aluminum (Outline B)

Flange naming rules:

8-1 - FPWRD500-FBP100 (Outline A, B)

Examples:

To order a Waveguide Transition, WRD-500 to WR-90, 150mm, Brass, FPWRD500-FBP100, specify FWTR-D500-90-150-B-8-1.

Customization is available upon request.