

## FFTW-62

WR-62, 12.4~18GHz

### Features:

- \* Low VSWR
- \* Low Insertion Loss

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Instrumentation

### Electrical

Frequency: 12.4~18GHz

| Length<br>(mm) | Insertion<br>Loss<br>(dB max.) | VSWR<br>(max.) | Torsion<br>Angle<br>(°/m max.) | Bend Radius<br>(mm min.) | Outline<br>Drawings |
|----------------|--------------------------------|----------------|--------------------------------|--------------------------|---------------------|
| 900            | 0.72                           | 1.15           | 405                            | 52/E, 102/H              | Outline A           |
| 900            | 0.72                           | 1.15           | 445                            | 46/E, 92/H               | Outline B           |
| 1200           | 0.96                           | 1.1            | 445                            | 46/E, 92/H               | Outline B           |

### Mechanical

Waveguide Size: WR-62 (BJ140)/WG18/R140

Flange: FBP140/FBM140  
FBP140/FBP140

Flange Material: Nickel plated brass

Material of Waveguide Core: Silver plated brass

Jacket Material: Vulcanized silicone rubber

### How To Order

#### FFTW-62-X-Y-Z

X: Length in mm.

Y: Material

Z: Flange type

Length in mm:

900 - 900mm (Outline A, B)

1200 - 1200mm (Outline B)

Material naming rules:

B - Brass (Outline A, B)

Flange naming rules:

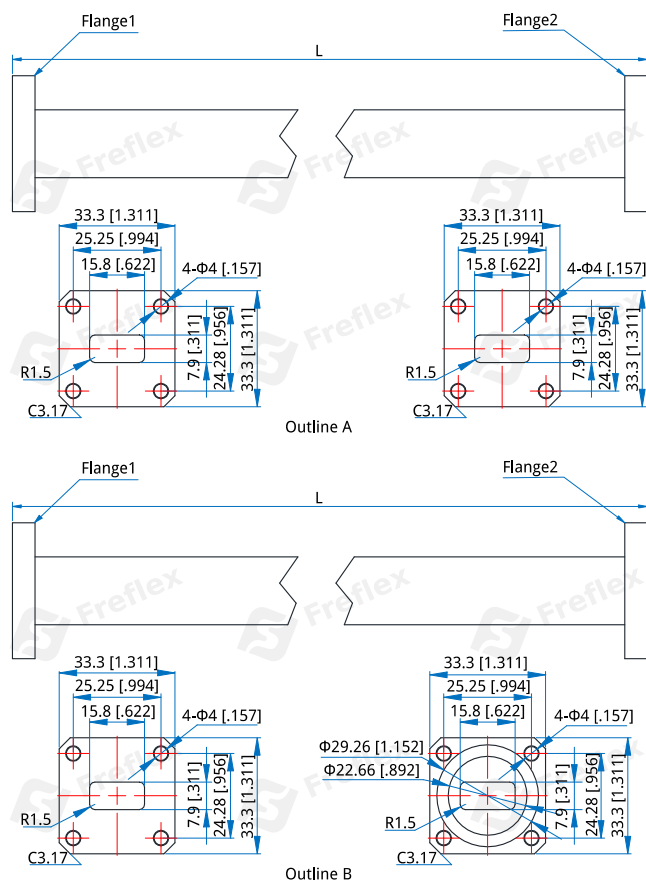
1-1 - FBP140-FBP140 (Outline A)

1-3 - FBP140-FBM140 (Outline B)

Examples:

To order a Flexible Twistable Waveguide, WR-62, 1200mm, Brass, FBP140-FBM140, specify FFTW-62-1200-B-1-3.

### Outline Drawings



Unit: mm [in]

Tolerance: ±3%

Customization is available upon request.