

FFTW-28

WR-28, 26.5~40GHz

Features:
 * Low VSWR
 * Low Insertion Loss

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Instrumentation

Electrical

Frequency: 26.5~40GHz

Length (mm)	Insertion Loss (dB max.)	VSWR (max.)	Torsion Angle (°/m max.)	Bend Radius (mm min.)
400 (±3%)	0.8	1.2	920	20/E, 40/H
500 (±3%)	1	1.2	465	38/E, 76/H
900 (±3%)	2	1.2	465	38/E, 76/H
1000 (±3%)	2	1.2	920	20/E, 40/H
1200 (±3%)	2.4	1.3	920	20/E, 40/H

Mechanical

Waveguide Size: WR-28 (BJ320)/WG22/R320
 Flange: FBP320/FBM320
 Length: $50 \leq L \leq 1200$ mm
 Flange Material: Nickel plated brass
 Material of Waveguide Core: Silver plated brass
 Jacket Material: Vulcanized silicone rubber

How To Order

FFTW-28-X-Y-Z

X: Length in mm.

Y: Material

Z: Flange type

Length in mm:

400 -400mm (Outline B)

500 -500mm (Outline B)

900 -900mm (Outline B)

1000 -1000mm (Outline A)

1200 -1200mm (Outline A)

Material naming rules:

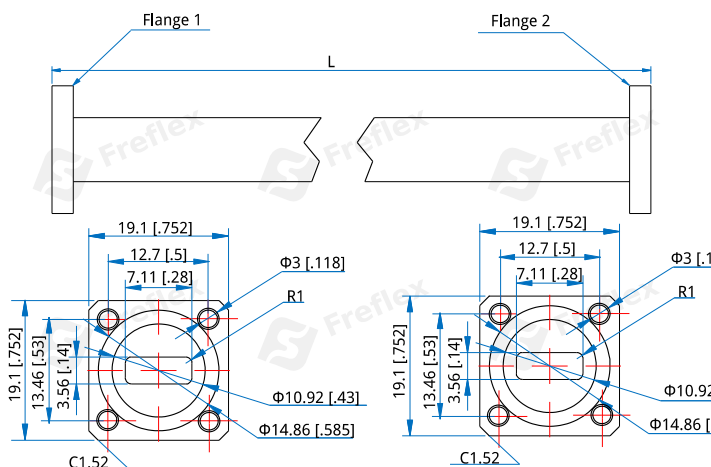
B - Brass (Outline A, B)

Flange naming rules:

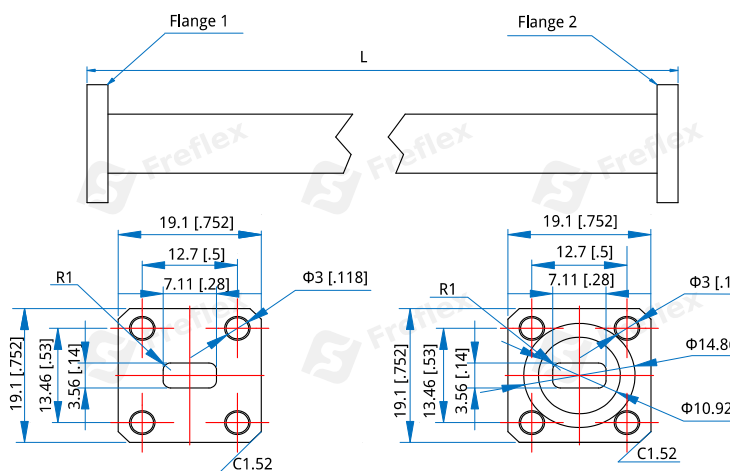
1-3 - FBP320-FBM320 (Outline B)

3-3 - FBM320-FBM320 (Outline A)

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Examples:

To order a Flexible Twistable Waveguide, WR-28, 1200mm, Brass, FBM320-FBM320, specify FFTW-28-1200-B-3-3.

Customization is available upon request.