

FFTW-112

WR-112, 7.05~10GHz

Features:
 * Low VSWR
 * Low Insertion Loss

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Instrumentation

Electrical

Frequency: 7.05~10GHz
 Average Power: 1.5KW CW
 Peak Power: 330KW (Outline B)

Length (mm)	Insertion Loss (dB max.)	VSWR (max.)	Torsion Angle (°/m max.)	Bend Radius (mm min.)
900 (±3%)	0.36	1.1	260	82/E, 164/H
1000 (±3%)	0.30	1.1	260	82/E, 164/H

Mechanical

Waveguide Size: WR112 (BJ84)
 Flange: FBP84/FBM84
 FDM84/FDM84
 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-112-X-Y-Z

X: Length in mm.
 Y: Material
 Z: Flange type

Length in mm:
 900 -900mm (Outline A)
 1000 -1000mm (Outline B)

Material naming rules:
 B - Brass (Outline A, B)

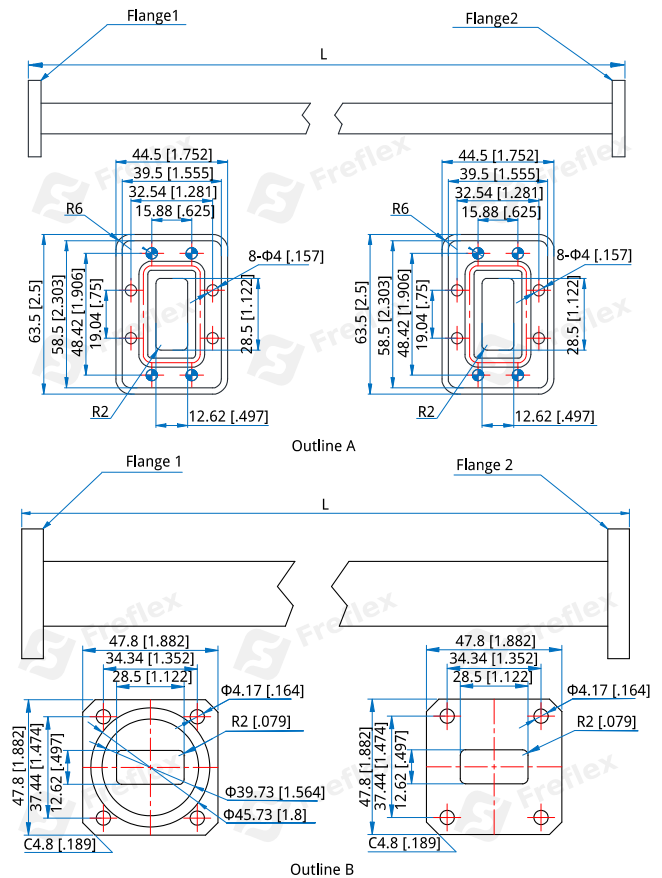
Flange naming rules:
 4-4 - FDM84-FDM84 (Outline A)
 1-3 - FBP84 - FBM84 (Outline B)

Examples:

To order a Flexible Twistable Waveguide, WR-112, 1000mm, Brass, FBP84 - FBM84, specify FFTW-112-1000-B-1-3.

Customization is available upon request.

Outline Drawings



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