

FFTW-137

WR-137, 5.38~8.2GHz

Features:
 * Low VSWR
 * Low Insertion Loss

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Instrumentation

Electrical

Peak Power: 560KW
 Average Power: 2KW

Length (mm)	Frequency (GHz)	Insertion Loss (dB max.)	VSWR (max.)	Torsion Angle (°/m max.)	Bend Radius (mm min.)
900 (±3%)	5.85~8.2	0.23	1.10	195	102/E, 204/H
1500 (±3%)	5.38~8.17	0.30	1.13	214	102/E, 204/H
1800 (±3%)	5.85~8.2	0.45	1.11	195	102/E, 204/H
2000 (±3%)	5.85~8.2	0.50	1.11	195	102/E, 204/H

Mechanical

Waveguide Size: WR137 (BJ70)/WG14/R70
 Flange: FDM70/FDM70
 FDP70/FDM70
 Length: 50 ≤ L ≤ 1200mm@Recommend
 Flange Material: Nickel plated brass
 Material of Waveguide Core: Silver plated brass
 Jacket Material: Vulcanized silicone rubber
 UV Resistance: Excellent (Outline A)
 Ozone Resistance: Excellent (Outline A)
 I.P. Rating: IP67 (Outline A)
 Salt Mist: 1000h (Outline A)

How To Order

FFTW-137-X-Y-Z

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

Length in mm:

900 - 900mm (Outline A)
 1500 - 1500mm (Outline B)
 1800 - 1800mm (Outline B)
 2000 - 2000mm (Outline B)

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

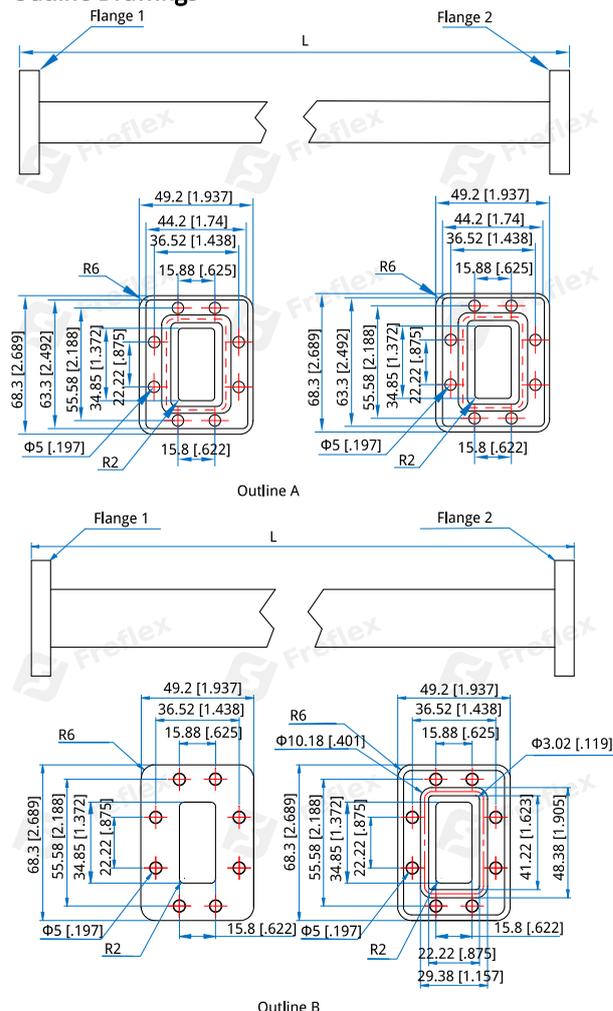
Examples:

To order a Flexible Twistable Waveguide, WR-137, 900mm, Brass, FDM70-FDM70, specify FFTW-137-900-B-4-4.

Environmental

Operating Temperature: -45~+85°C (Outline A)

Outline Drawings



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

Flange naming rules:

2-4 - FDP70-FDM70 (Outline B)
 4-4 - FDM70-FDM70 (Outline A)

Customization is available upon request.