

FFTW-137

WR-137, 5.85~8.2GHz

Features:
 * Low VSWR
 * Low Insertion Loss

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Instrumentation

Electrical

Frequency: 5.85~8.2GHz
 Peak Power: 560KW
 Average Power: 2KW

Length (mm)	Insertion Loss (dB max.)	VSWR (max.)	Torsion Angle (°/m max.)	Bend Radius (mm min.)
900 (±3%)	0.23	1.10	195	102/E, 204/H
2000 (±3%)	0.50	1.11	195	102/E, 204/H

Mechanical

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

How To Order

FFTW-137-X-Y-Z

X: Length in mm.

Y: Material

Z: Flange type

Length in mm:

900 -900mm (Outline A)

2000 -2000mm (Outline B)

Material naming rules:

B - Brass (Outline A, B)

Flange naming rules:

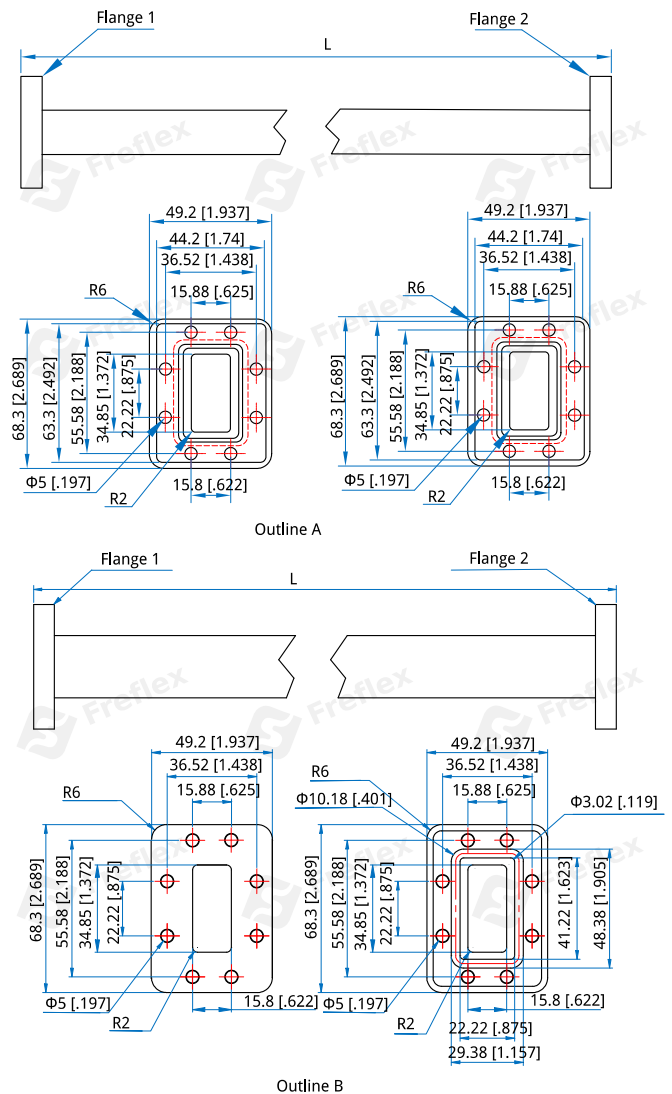
2-4 - FDP70-FDM70 (Outline B)

4-4 - FDM70-FDM70 (Outline A)

Environmental

Operating Temperature: -45~+85°C

Outline Drawings



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

Flexible Twistable Waveguide

Examples:

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

Customization is available upon request.