

FWBF-3625-4200-40

3.625~4.2GHz, 40dB, C-Band

Features:

- * High Stopband Rejection
- * Small Size
- * Light Weight
- * Anti 5G Interference

Applications:

- * Telecommunication
- * Laboratory Test
- * Receivers
- * Satellite Earth Station

Electrical

Input RF Frequency:	3.625~4.2GHz
Passband Insertion Loss:	0.4dB max.
Edge Frequency Insertion Loss:	0.8dB max.
VSWR:	1.35 max.
Stopband Attenuation:	-50dB@3.4GHz
	-60dB@3.5GHz
	-45dB@3.55~3.6GHz
	-40dB@3.6GHz
	-45dB@4.3GHz
	-65dB@4.5~4.9GHz
Impedance:	50Ω

Environmental

Operating Temperature:	-40~+60°C
Non-Operating Temperature:	-40~+80°C

How To Order

FWBF-3700-4200-45-X-Y-Z

X : Connector type

Y : Material

Z : Flange type

Connector naming rules:

229 - WR-229

Material naming rules:

A - Aluminium

Flange naming rules:

2 - FDP

4 - FDM

Examples:

To order a Waveguide Band Pass Filter, 3.625~4.2GHz, 40dB, WR-229, Aluminium, FDM40 to FDP40, specify FWBF-3625-4200-40-229-A-4-2.

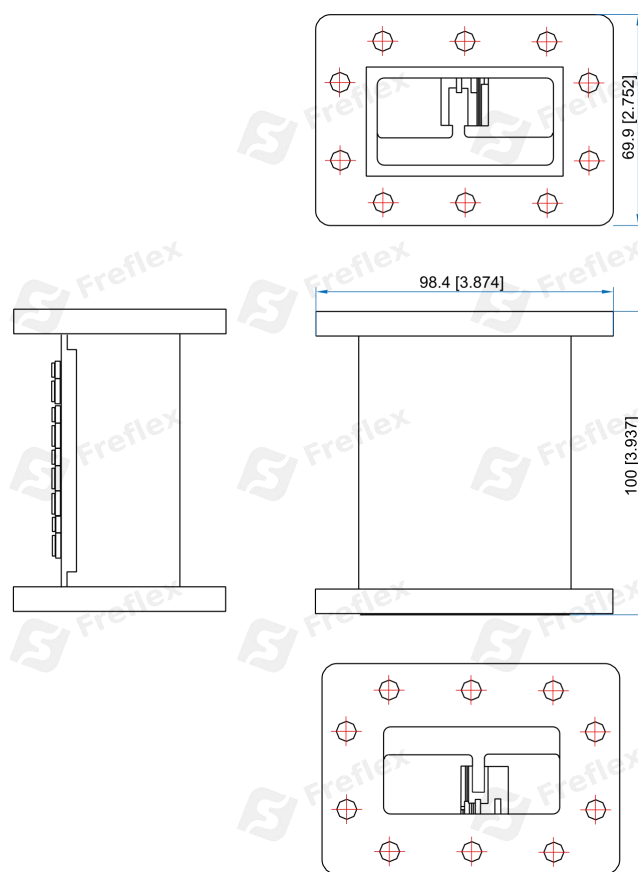
Customization is available upon request.

Mechanical

Size*1:	100*98.4*69.9mm
	3.937*3.874*2.752in
Input Waveguide:	WR-229 (BJ40) with FDM40 (CPR229-G),
Output Waveguide:	WR-229 (BJ40) with FDP40 (CPR229-F)
Weight:	680g

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]