

## QWBF-3700-4200-20

3.7~4.2GHz, 20dB

### Features:

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

### Applications:

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

### Electrical

Input RF Frequency:	3.7~4.2GHz
Passband Insertion Loss:	0.6dB max.
VSWR:	1.4 max.
Stopband Attenuation:	70dB min. @3.5~3.6GHz
	80dB min. @3.4GHz
	20dB min. @4.25GHz
	55dB min. @4.3~4.4GHz

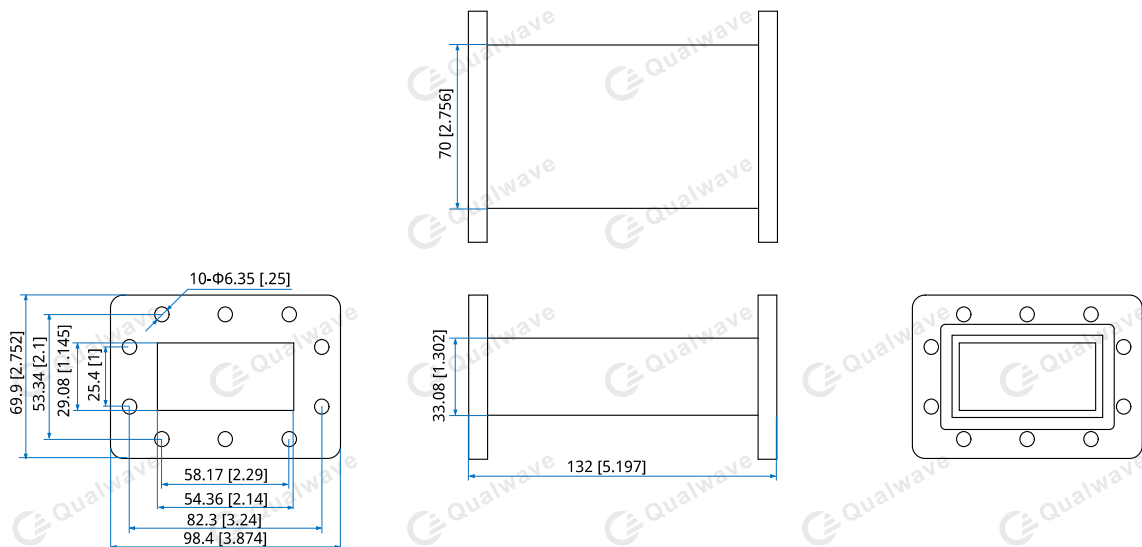
### Mechanical

Size*1:	132*98.4*69.9mm
	5.197*3.874*2.752in
Waveguide:	WR-229 (BJ40) with FDP40
	WR-229 (BJ40) with FDM40
Mounting:	10-Φ6.35mmthrough-hole

[1] Exclude connectors.

### Outline Drawings

(Silver plated screw tuning, plating protectant DJB-823, structural waterproofing)



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**QWBF-3700-4200-20-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, 3.7~4.2GHz, 20dB, WR-229, Aluminium, FDM40 to FDP40, specify QWBF-3700-4200-20-229-A-4-2.

Customization is available upon request.