

QFTW-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:	$50 \leq L \leq 1200\text{mm}$
Flange Material:	Nickel plated brass
Material of Waveguide Core:	Silver plated brass
Jacket Material:	Vulcanized silicone rubber

How To Order

OFTW-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:

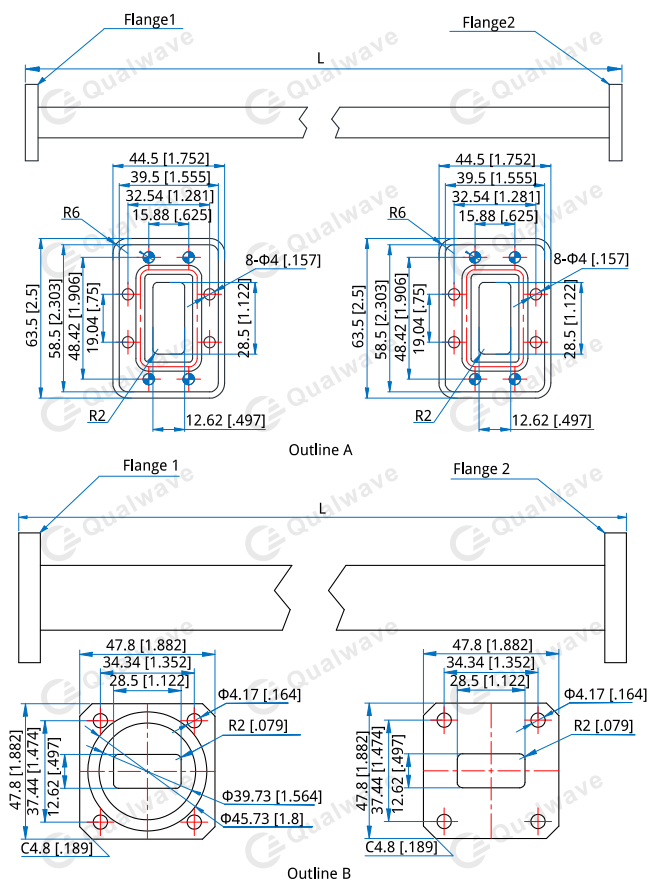
4-4 - FDM84-FDM84 (Outline A)

1-3 - FBP84 - FBM84 (Outline B)

Examples:

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

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]