

# QFNTW-D650

WRD-650, 6.5~18GHz

**Features:**

- \* Low VSWR
- \* Low Insertion Loss

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Instrumentation

**Electrical**

Frequency: 6.5~18GHz  
 VSWR: 1.3 max.

**Mechanical**

Waveguide Size: WRD-650  
 Flange: FMWRD650  
 E-plane Bend Radius: 44mm min.  
 H-plane Bend Radius: 76mm min.  
 Torsion Angle: Non-twistable  
 Flange Material: Nickel plated brass  
 Waveguide Material: Silver plated brass  
 Jacket Material: Vulcanized silicone rubber

**How To Order**
**QFNTW-D650-X-Y-Z**

X: Length in mm.

Y: Material

Z: Flange type

Length in mm:

381 - 381mm (Outline A)

Material naming rules:

B - Brass (Outline A)

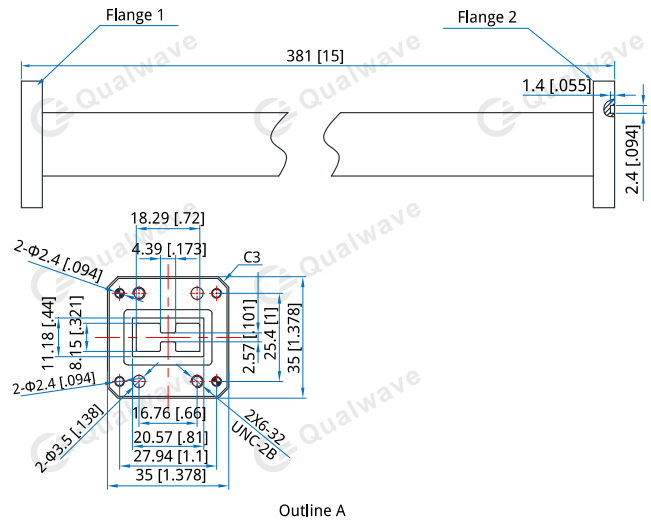
Flange naming rules:

17 - FMWRD650 (Outline A)

Examples:

To order a Flexible Non-Twistable Waveguide, WR-D650, 381mm, Brass, FMWRD650, specify QFNTW-D650-381-B-17.

Customization is available upon request.

**Outline Drawings**


Outline A

Unit: mm [in]

Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]