

# QWSS-42

## WR-42

**Features:**  
 \* Low VSWR  
 \* High Isolation

**Applications:**  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency: 18–26.5GHz  
 VSWR: 1.05 max.  
 Insertion Loss: 0.08 max.

### Mechanical

Length: 0.762m  
 3in  
 Waveguide size: WR-42 (BJ220)  
 Flange: FBP220  
 Material: Copper

### How To Order

**QWSS-42-X-Y-Z**

X: Length  
 Y: Material  
 Z: Flange type

Length in mm:  
 76.2 - 76.2mm (Outline A)

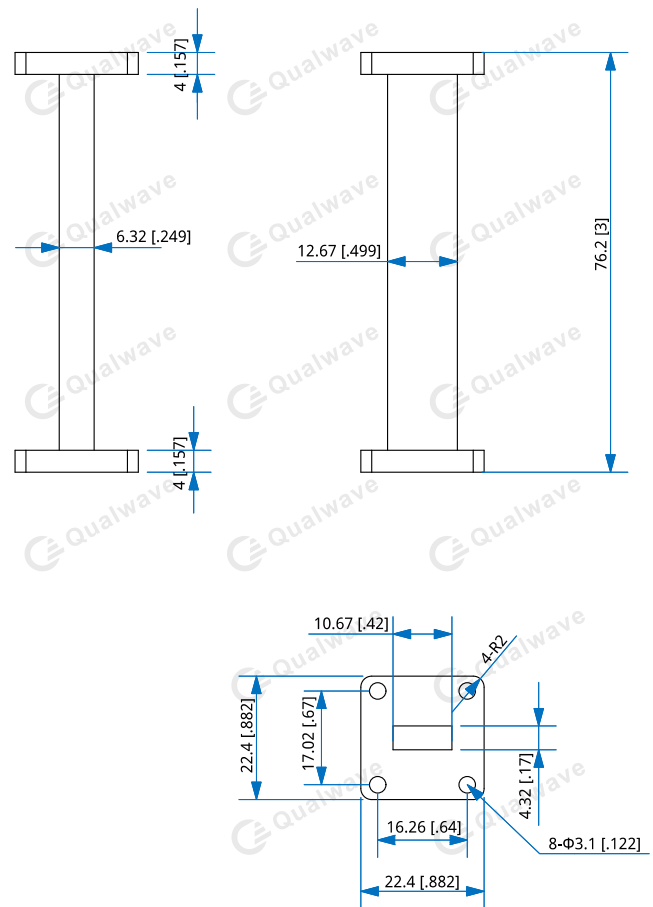
Material naming rules:  
 C - Copper (Outline A)

Flange naming rules:  
 1 - FBP (Outline A)

Examples:  
 To order a waveguide straight section, WR-42, 76.2mm, Copper, FBP220, specify QWSS-42-76.2-C-1.

Customization is available upon request.

### Outline Drawings



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