

## QWCA-22-V

### WR-22 to 1.85mm

Features:  
\* Low VSWR

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

#### Electrical

Frequency: 32.9–50.1GHz  
VSWR: 1.3 max.  
Insertion loss: 0.3dB max.

#### Mechanical

Coax Connectors: 1.85mm  
Waveguide Size: WR-22  
Flange: UG-383/U  
Material: Gold plated brass

#### How To Order

##### QWCA-22-X-Y

X: Connector type.

Y: Configuration type.

Z: Flange type if applicable.

Connector naming rules:

V - 1.85mm Male(Outline A, Outline B)

VF - 1.85mm Female (Outline A, Outline B)

Y: End launch: E, Right angle: R.

E - End launch (Outline A)

R - Right angle (Outline B)

Flange naming rules:

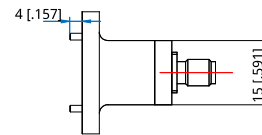
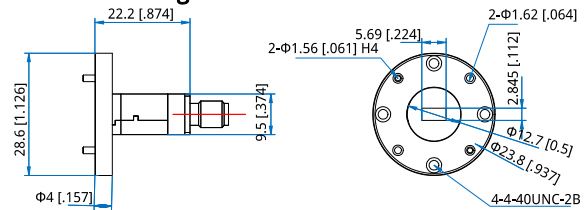
5 - UG-383/U mateable with FUGP400 (Outline A, Outline B)

Examples:

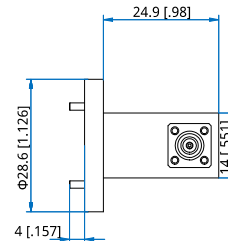
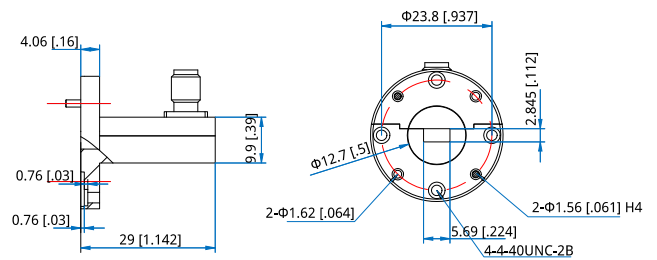
To order a waveguide to coax adapter, WR-22 to 1.85mm female, right angle, specify QWCA-22-VF-R-5.

Customization is available upon request.

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

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