

# QWCA-51-K

## WR-51 to 2.92mm

Features:  
\* Low VSWR

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

### Electrical

Frequency: 14.5-22GHz  
VSWR: 1.18 max.

### Mechanical

Coax Connectors: 2.92mm  
Waveguide Size: WR-51  
Flange: FBP180  
Material: Brass

### How To Order

#### QWCA-51-X-Y-Z

X : Connector type.

Y : Configuration type.

Z : Flange type if applicable.

Connector naming rules:

K - 2.92mm Male (Outline A)

KF - 2.92mm Female (Outline A)

Configuration naming rules:

E - End launch

R - Right angle (Outline A)

Flange naming rules:

1 - FBP (Outline A)

2 - FDP

3 - FBM

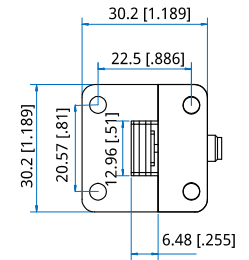
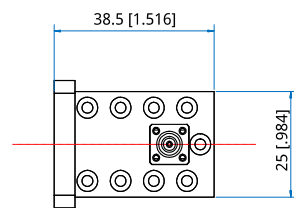
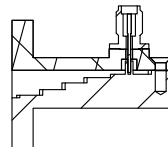
4 - FDM

Examples:

To order a waveguide to coax adapter, WR-51 to 2.92mm female, right angle, FBP, specify QWCA-51-KF-R-1.

Customization is available upon request.

### Outline Drawings



Outline A

Unit: mm [in]

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