

# QWCA-D180-K

## WRD-180 to 2.92mm

Features:  
\* Low VSWR

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

### Electrical

Frequency: 18~40GHz  
VSWR: 1.4 max.  
1.3 max. (Right angle)

### Environmental

Operating Temperature: -70~+165°C

### Mechanical

Coax Connectors: 2.92mm  
Waveguide Size: WRD-180  
Flange: FPWRD180  
Material: Aluminum

### How To Order

#### QWCA-D180-X-Y-Z

X : Connector type.

Y : Configuration type.

Z : Flange type if applicable.

Connector naming rules:

K - 2.92mm Male (Outline A, Outline B)

KF - 2.92mm Female (Outline A, Outline B)

Configuration naming rules:

E - End launch (Outline A)

R - Right angle (Outline B)

Flange naming rules:

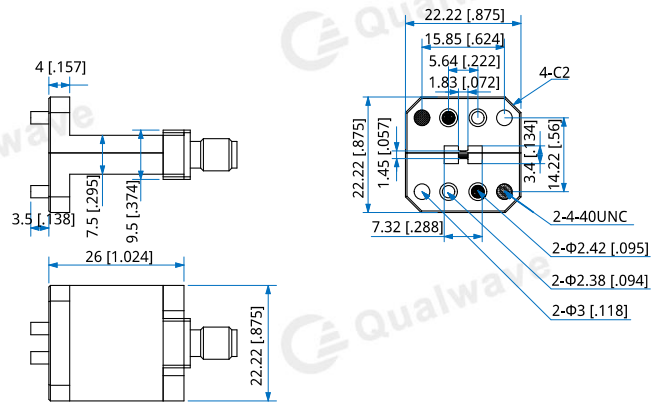
8 - FPWRD (Outline A, Outline B)

Examples:

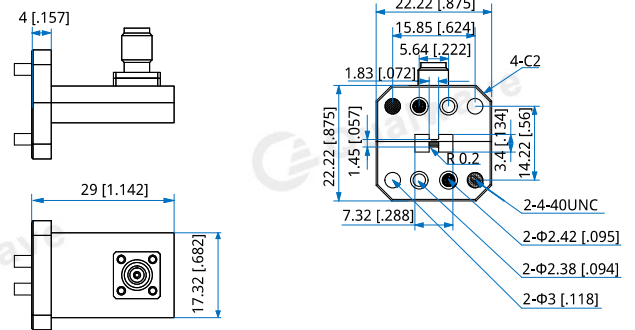
To order a waveguide to coax adapter, WRD180 to 2.92mm female, right angle, FPWRD, specify QWCA-D180-KF-R-8.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]