

## QWCA-137-S

### WR-137 to SMA

Features:  
\* Low VSWR

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

#### Electrical

Frequency: 5.38–8.17GHz  
VSWR: 1.2 max.

#### Mechanical

Coax Connectors: SMA  
Waveguide Size: WR-137  
Flange: FDP70/FDM70  
Material: Aluminium

#### Environmental

Operating Temperature: -70~+165°C

#### How To Order

##### QWCA-137-X-Y-Z

X : Connector type.  
Y : Configuration type.  
Z : Flange type if applicable.

Connector naming rules:

S - SMA Male (Outline A, Outline B)  
SF - SMA Female (Outline A, Outline B)

Configuration naming rules:

E - End launch  
R - Right angle (Outline A, Outline B)

Flange naming rules:

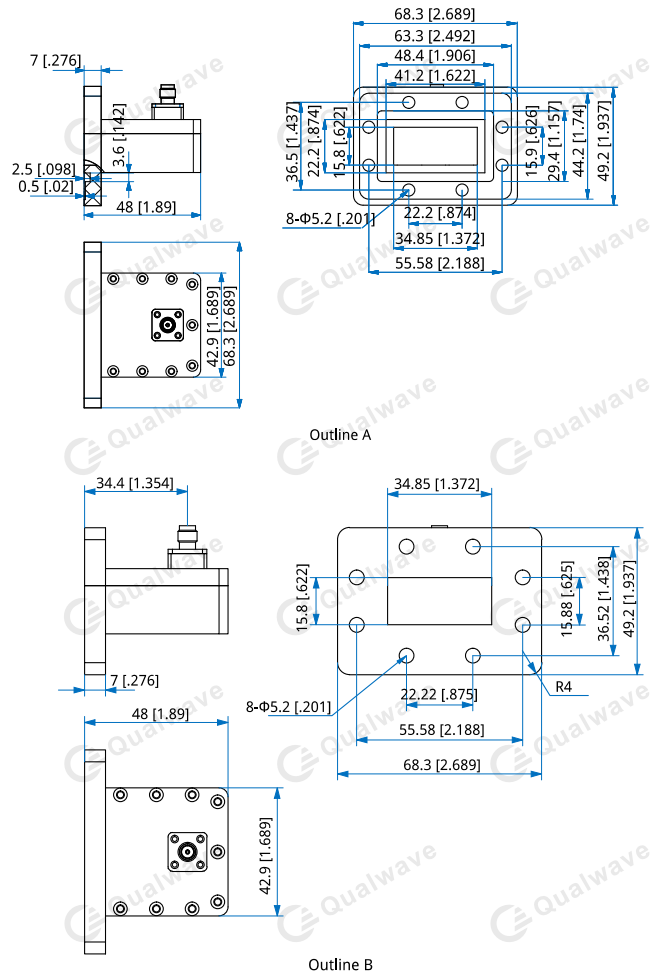
1 - FBP  
2 - FDP (Outline B)  
3 - FBM  
4 - FDM (Outline A)

Examples:

To order a waveguide to coax adapter, WR-137 to SMA female, right angle, FDM, specify QWCA-137-SF-R-4.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]