

# 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

### 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

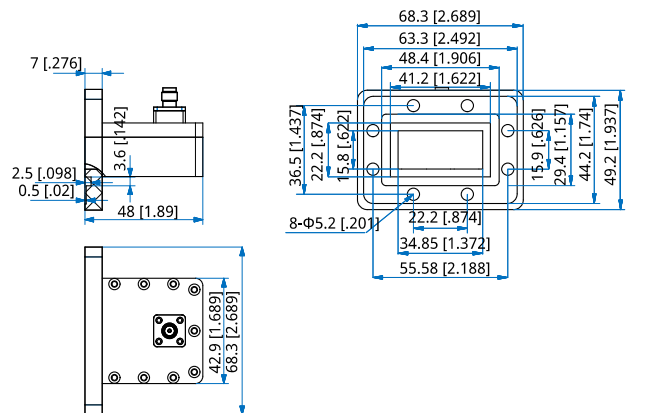
4 - FDM (Outline A)

#### Examples:

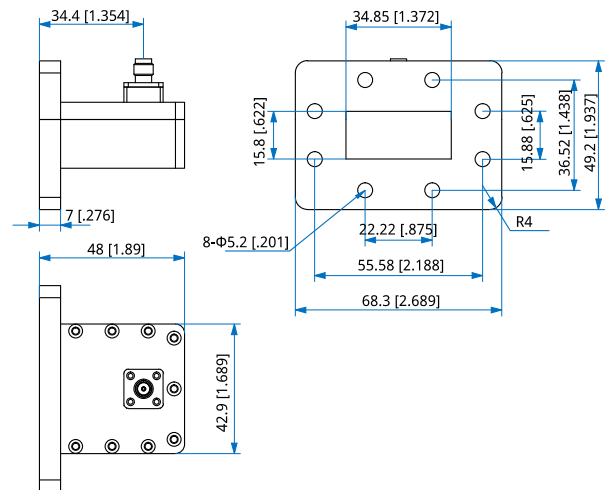
To order a waveguide to coax adapter, WR-137 to SMA female, right angle, FDM, specify QWCA-137-SF-R-4.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

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