

# QWCA-D500-S

## WRD-500 to SMA

Features:  
\* Low VSWR

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

### Electrical

Frequency: 5~18GHz  
VSWR: 1.3 max.  
Insertion Loss: 0.3dB max.

### Mechanical

Coax Connectors: SMA  
Waveguide Size: WRD-500  
Flange: FPWRD500  
Material: Aluminium  
Finish: Conductive oxidation  
Coating: Black paint

### How To Order

#### QWCA-D500-X-Y-Z

X : Connector type.

Y : Configuration type.

Z : Flange type if applicable.

Connector naming rules:

S - SMA Male (Outline A)

SF - SMA Female (Outline A)

Configuration naming rules:

E - End launch (Outline A)

R - Right angle

Flange naming rules:

8 - FPWRD (Outline A)

Examples:

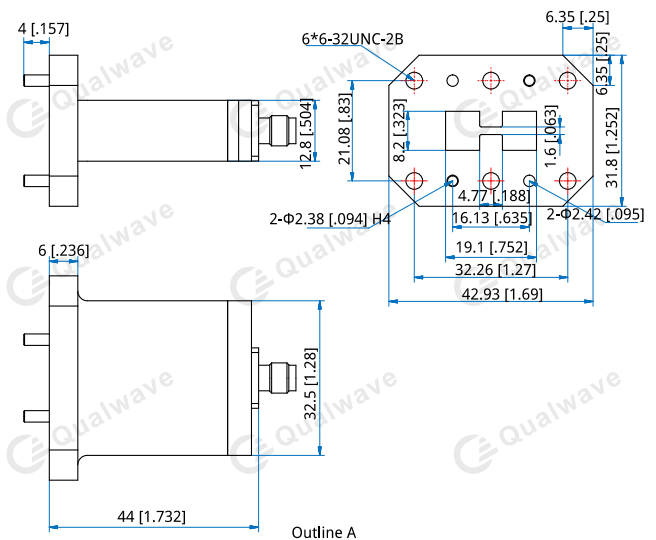
To order a waveguide to coax adapter, WR-D500 to SMA female, end launch, FPWRD, specify QWCA-D500-SF-E-8.

Customization is available upon request.

### Environmental

Operating Temperature: -70~+165°C

### Outline Drawings



Unit: mm [in]

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