

## QWCA-19-V

### WR-19 to 1.85mm

Features:  
\* Low VSWR

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

#### Electrical

Frequency:	39.2~59.6GHz
VSWR:	1.3 max. 1.4 max. (End launch)
Insertion Loss:	0.3dB max. 0.6dB max. (End launch)
Impedance:	50Ω

#### Mechanical

RF Connectors:	1.85mm
Interface:	WR-19(BJ500)
Flange:	UG-383/UM
Material:	Gold plated brass

#### Environmental

Operating Temperature: -55~+125°C

#### How To Order

##### QWCA-19-X-Y

X: Connector type.

Y: Configuration type.

Z: Flange type if applicable.

Connector naming rules:

V - 1.85mm Male (Outline A, B)

VF - 1.85mm Female (Outline A, B)

Configuration naming rules:

E - End launch (Outline B)

R - Right angle (Outline A)

Flange naming rules:

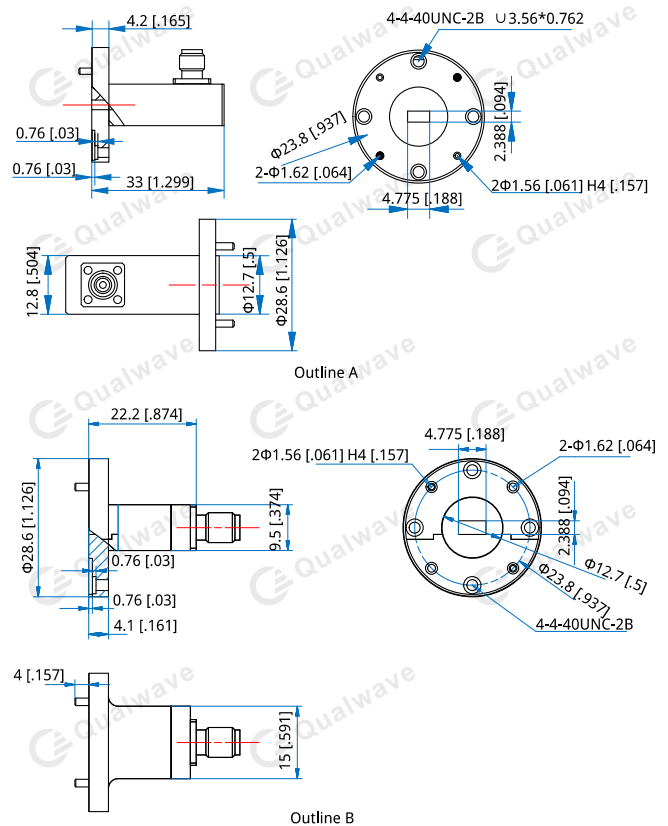
10 - UG-383/UM mateable with FUGP500 (Outline A)

Examples:

To order a waveguide to coax adapter, WR-19 to 1.85mm male, right angle, UG-383/UM, specify QWCA-19-V-R-10.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]