

## NWCA-1 - -J WR-19 to 1.85mm

Features:  
\* Low VSWR

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

### Electrical

Frequency:	40~60GHz
VSWR:	1.35 max.
Insertion Loss:	0.5dB max.
Impedance:	50Ω

### Mechanical

RF Connectors:	1.85mm
Interface:	WR-19
Flange:	UG-383/U
Material:	Gold plated brass
Outer Conductor:	Passivated stainless steel
Dielectric:	PE
Inner Conductor:	Gold plated beryllium copper

### How To Order

#### NWCA-19-X-Y

X: Connector type.

Y: End launch: E, Right angle: R.

E - End launch (Outline A, Outline C)

R - Right angle (Outline B)

Connector naming rules:

V - 1.85mm Male (Outline A, Outline B)

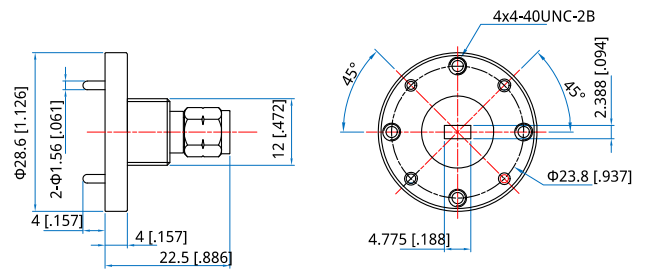
VF - 1.85 Female (Outline C)

Examples:

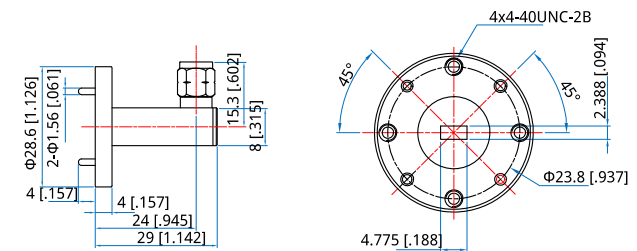
To order a waveguide to coax adapter, WR-19 to 1.85mm male, end launch, specify NWCA-19-V-E.

Customization is available upon request.

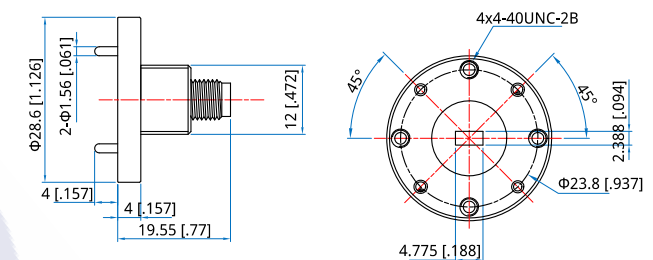
### Outline Drawings



Outline A



Outline B



Outline C

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]