

## QDDL-8200-12500

8.2~12.5GHz

### Features:

- \* Broadband
- \* High Power
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	8.2~12.5GHz
Coupling:	50±1dB
VSWR (Mainline):	1.1 max.
VSWR (Coupling):	1.2 max.
Directivity:	25dB min.
Power Handling:	0.33MW

### Mechanical

Interface:	WR-90 (BJ100)
Flange:	FBP100
Material:	Aluminium
Finish:	Conductive oxidation
Coating:	Sea gray

### How To Order

**QDDL-8200-12500-W-X-Y-Z**

W: Coupling:

50 - Outline A

X: Coupling Connector type

Y: Material

Z: Flange type

Connector naming rules:

S - SMA female (Outline A)

Material naming rules:

A - Aluminium (Outline A)

Flange naming rules:

1 - FBP (Outline A)

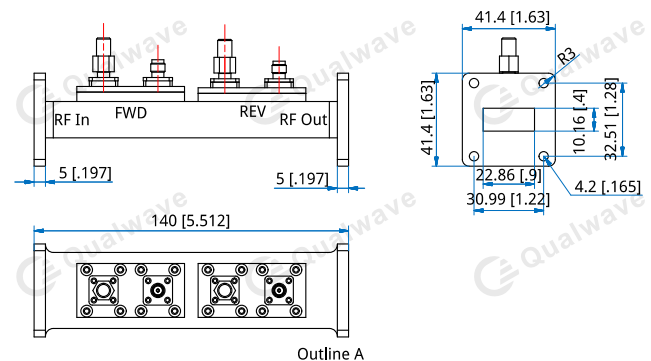
Examples:

To order a Dual Directional Loop Coupler, 8.2~12.5GHz, 50dB, SMA female, Aluminium, FBP100, specify QDDL-8200-12500-50-S-A-1.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



Outline A

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Customization is available upon request.