

## QSDLC-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
Insertion Loss:	0.25dB max.
Coupling:	10±0.25, 20±0.25, 30±0.25dB
VSWR (Mainline):	1.1 max.
Directivity:	25dB min.
Power Handling:	0.33MW

### Mechanical

Interface:	WR-90 (BJ100)
Flange:	FBP100
Material:	Copper
Finish:	Pickling passivation
Coating:	Black paint

### Environmental

Operating Temperature: -40~+125°C

### How To Order

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

W: Coupling:

10, 20, 30 - Outline A

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

N - N female (Outline A)

Material naming rules:

C - Copper (Outline A)

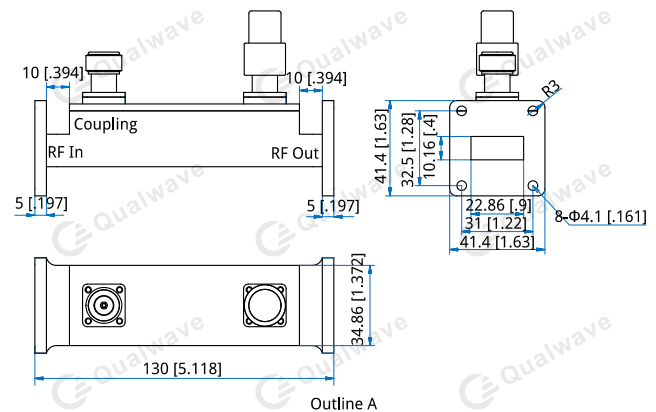
Flange naming rules:

1 - FBP (Outline A)

Examples:

To order a Single Directional Loop Coupler, 8.2~12.5GHz, 10dB, N female, Copper, FBP100, specify QSDLC-8200-12500-10-N-C-1.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Customization is available upon request.