

## QSDBC-32900-50100

### 32.9~50.1GHz

Features:  
 \* Broadband  
 \* High Power  
 \* Low Insertion Loss

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

### Electrical

Frequency:	32.9~50.1GHz
Coupling:	30, 40dB
Power Handling:	0.023MW

Coupling (dB)	Insertion Loss (dB max.)	VSWR (Mainline) (max.)	VSWR (Coupline) (max.)	Directivity (dB min.)	Outline Drawings
30±1	-	1.1	1.15	27	Outline A
40±1	-	1.1	1.15	27	Outline A
30±1.5	0.5	1.1	1.5	25	Outline B

### Mechanical

Interface:	WR-22 (BJ400)
Flange:	UG-383/U
Material:	Copper
Finish:	Gold-plating

### How To Order

**QSDBC-32900-50100-W-X-Y-Z**

W: Coupling:

30 - Outline A, B

40 - Outline A

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

22 -WR-22(Outline A)

2 - 2.4mm female (Outline B)

Material naming rules:

C - Copper (Outline A, B)

Flange naming rules:

5 - UG-383/U (Outline A, B)

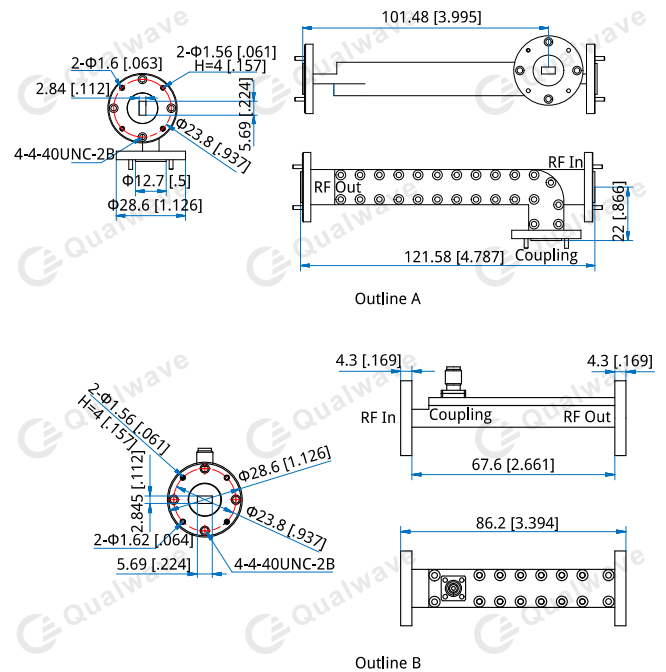
Examples:

To order a Single Directional Broadwall Coupler, 32.9~50.1GHz, 40dB, WR-22, Copper, UG-383/U, specify QSDBC-32900-50100-40-22-C-5.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Customization is available upon request.