

## QDDBC-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±1, 40±1dB
VSWR (Mainline):	1.1 max.
VSWR (Coupline):	1.15 max.
Directivity:	27dB min.
Power Handling:	0.023MW

#### Mechanical

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

#### How To Order

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

W: Coupling:  
 30, 40 - Outline A  
 X: Coupling Connector type  
 Y: Material  
 Z : Flange type

Connector naming rules:  
 22 - WR-22 (Outline A)

Material naming rules:  
 C - Copper (Outline A)

Flange naming rules:  
 5 - UG-383/U (Outline A)

#### Examples:

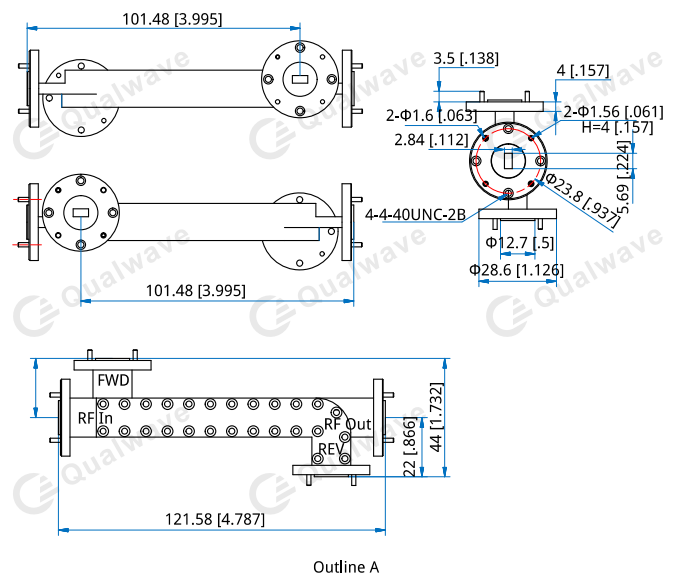
To order a Dual Directional Broadwall Coupler, 32.9~50.1GHz, 30dB, WR-22, Copper, UG-383/U, specify QDDBC-32900-50100-30-22-C-5.

Customization is available upon request.

#### Environmental

Operating Temperature: -40~+125°C

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]