

## QSDBC-145000-220000

### 145~220GHz

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

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

### Electrical

Frequency:	145~220GHz
Coupling:	3±2, 6±2, 9±2dB
VSWR(Mainline):	1.15max.
VSWR (Coupling):	1.3max.
Directivity:	25dB min.
Power Handling:	0.0012MW

### Mechanical

Interface:	WR-5 (BJ1800)
Flange:	FUGP1800
Material:	Copper
Finish:	Gold-plating

### How To Order

**QSDBC-145000-220000-W-X-Y-Z**

W: Coupling:  
 3, 6, 9dB - Outline A  
 X: Coupling Connector type  
 Y: Material  
 Z : Flange type

Connector naming rules:  
 5 - WR-5 (Outline A)

Material naming rules:  
 C - Copper (Outline A)

Flange naming rules:  
 15 - FUGP (Outline A)

### Examples:

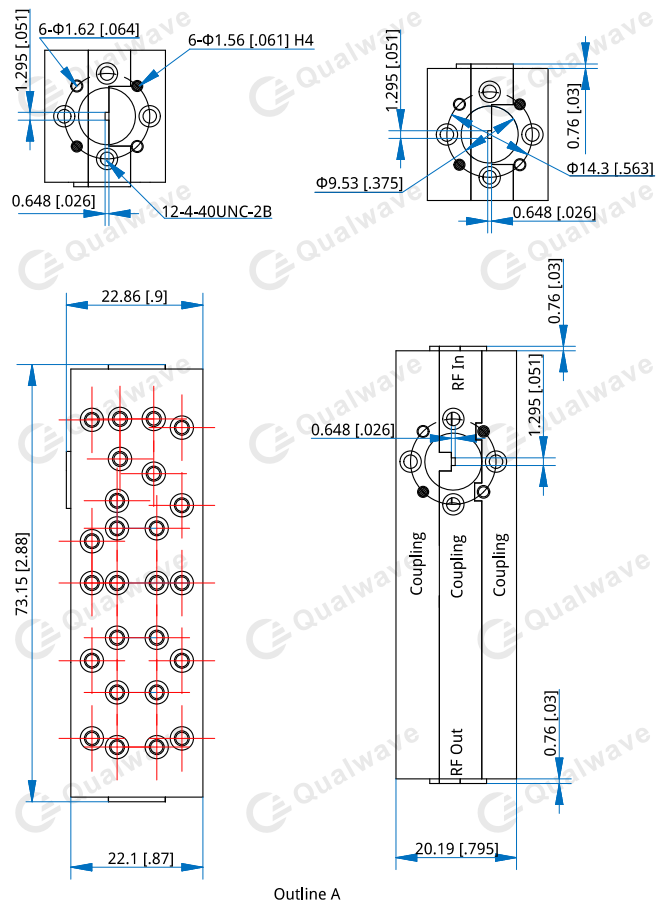
To order a Single Directional Broadwall Coupler, 145~220GHz, 3dB, WR-5, Copper, FUGP1800, specify QSDBC-145000-220000-3-5-C-15.

Customization is available upon request.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



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