

## QSDCC-14500-22000

### 14.5~22GHz

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

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

### Electrical

Frequency:	14.5~22GHz
Coupling:	40±0.7, 50±0.7dB
VSWR (Mainline):	1.05 max.
VSWR (Coupline):	1.1 max.
Directivity:	18dB min.
Power Handling:	0.12MW

### Mechanical

Interface:	WR-51 (BJ180)
Flange:	FBP180
Material:	Aluminium
Finish:	Pickling passivation
Coating:	Black paint

### Environmental

Operating Temperature:	-55~+85°C
Non-Operating Temperature:	-60~+90°C

### How To Order

#### QSDCC-14500-22000-W-X-Y-Z

W: Coupling:  
 40, 50 - Outline A  
 X: Coupling Connector type  
 Y: Material  
 Z : Flange type

Connector naming rules:

51 - WR-51 (Outline A)

Material naming rules:

A - Aluminium (Outline A)

Flange naming rules:

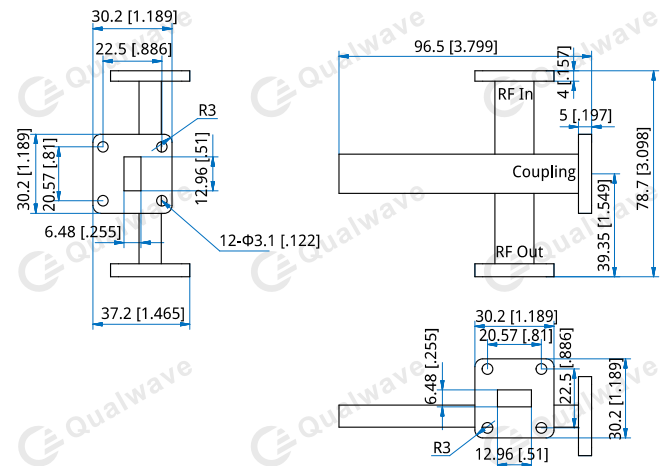
1 - FBP (Outline A)

Examples:

To order a Single Directional Crossguide Coupler, 14.5~22GHz, 50dB, WR-51, Aluminium, FBP180, specify QSDCC-14500-22000-50-51-A-1.

Customization is available upon request.

### Outline Drawings



Outline A

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