

QDDBC-5380-8170

5.38~8.17GHz

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency: 5.38~8.17GHz
 Power Handling: 0.79MW

Coupling (dB)	VSWR (Mainline) (max.)	VSWR (Coupling) (max.)	Directivity (dB min.)
40±1	1.1	1.3	30
50±1	1.1	1.3	30

Mechanical

Interface: WR-137 (BJ70)
 Flange: FDP70
 Material: Aluminium
 Finish: Conductive oxidation
 Coating: Black paint

How To Order

QDDBC-5380-8170-W-X-Y-Z

W: Coupling:

40dB - Outline A, B

50dB - Outline C

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

N - N female (Outline A)

NS - N female & SMA female (Outline B)

S - SMA female (Outline C)

Material naming rules:

A - Aluminium (Outline A, B, C)

Flange naming rules:

2 - FDP (Outline A, B, C)

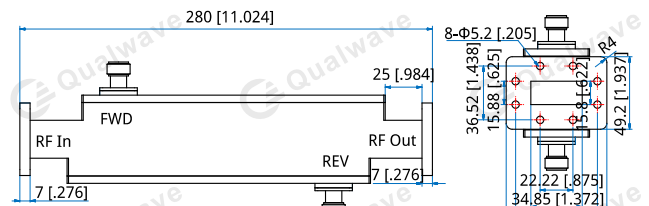
Examples:

To order a Dual Directional Broadwall Coupler, 5.38~8.17GHz, 40dB, N female, Aluminium, FDP70, specify QDDBC-5380-8170-40-N-A-2.

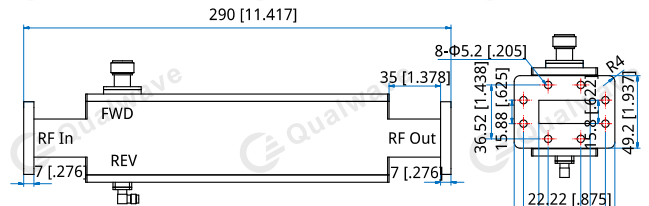
Environmental

Operating Temperature: -40~+125°C

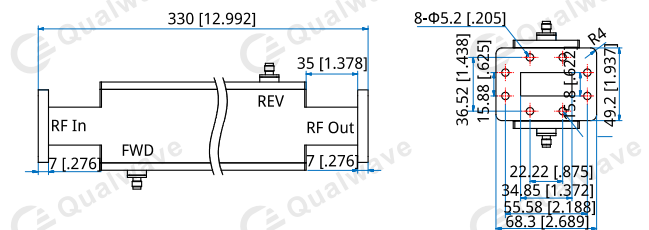
Outline Drawings



Outline A



Outline B



Outline C

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Customization is available upon request.