

FSDBC-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.)
30, 40	1.1	1.3	30
3	1.1	1.25	20

Mechanical

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

How To Order

FSDBC-5380-8170-W-X-Y-Z

W: Coupling:

30, 40dB - Outline A

3dB - Outline B

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

N - N female (Outline A)

137 - WR-137 (Outline B)

Material naming rules:

A - Aluminium (Outline A, B)

Flange naming rules:

2 - FDP (Outline A, B)

Examples:

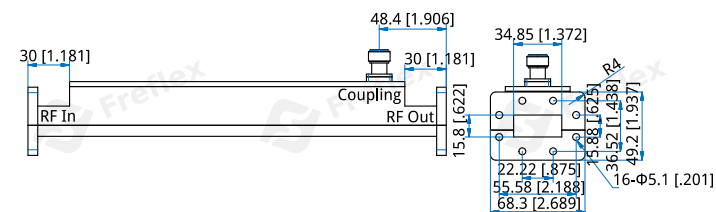
To order a Single Directional Broadwall Coupler, 5.38~8.17GHz, 40dB, N female, Aluminium, FDP70, specify

FSDBC-5380-8170-40-N-A-2.

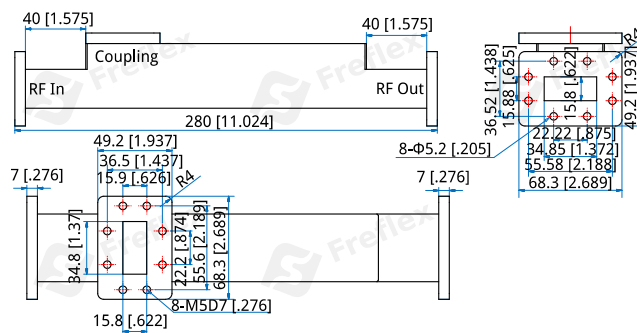
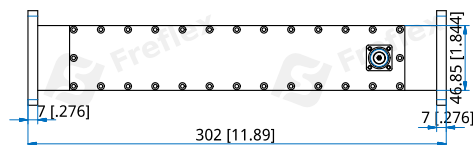
Environmental

Operating Temperature: -40~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

Customization is available upon request.