

## FDDCC-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
Coupling:	35±1dB
VSWR (Mainline):	1.1 max.
VSWR (Coupling):	1.25 max.
Insertion Loss:	0.2dB max.
Directivity:	18dB min.
Power Handling:	0.79MW

### Mechanical

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

### How To Order

**FDDCC-5380-8170-W-X-Y-Z**

W: Coupling:

35dB - Outline A

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

N - N female (Outline A)

Material naming rules:

A - Aluminium (Outline A)

Flange naming rules:

2 - FDP (Outline A)

Examples:

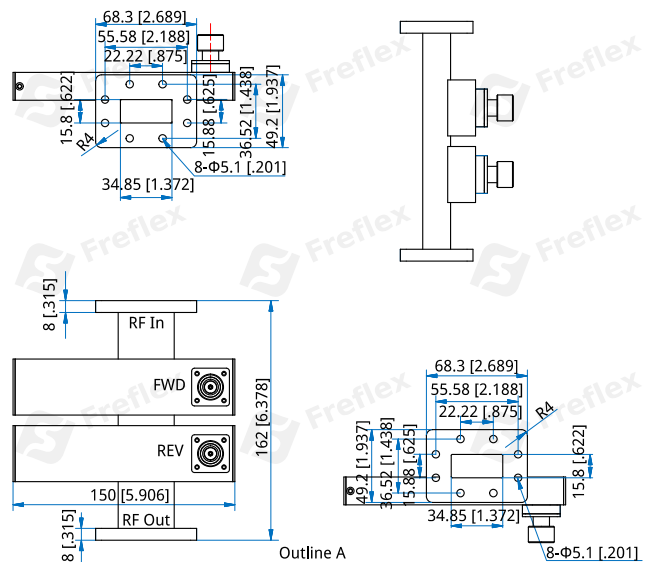
To order a Dual Directional Crossguide Coupler, 5.38~8.17GHz, 35dB, N female, Aluminium, FDP70, specify FDDCC-5380-8170-35-N-A-2.

Customization is available upon request.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]