

## FDDBC-7500-18000

7.5~18GHz

### Features:

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

### Applications:

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

### Electrical

Frequency:	7.5~18GHz
Coupling:	50±1.5dB
Insertion Loss:	0.3dB max.
VSWR(Mainline):	1.1max.
VSWR (Coupling):	1.5max.
Directivity:	20dB min.
Power Handling:	2000W max.

### Mechanical

Interface:	WRD750
Flange:	FPWRD750
Material:	Aluminium
Finish:	Conductive oxidation
Coating:	Black paint

### How To Order

**FDDBC-7500-18000-W-X-Y-Z**

W: Coupling:

50dB - 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:

8 - FPWRD (Outline A)

Examples:

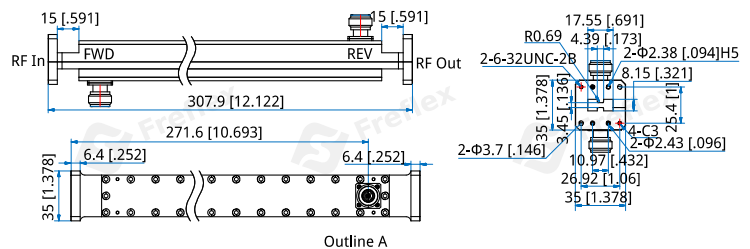
To order a Dual Directional Broadwall Coupler, 7.5~18GHz, 50dB, N female, Aluminium, FPWRD750, specify FDDBC-7500-18000-50-N-A-8.

Customization is available upon request.

### Environmental

Operating Temperature: -40~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]