

FSDBC-11900-18000

11.9~18GHz

Features:

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

Applications:

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

Electrical

Frequency:	11.9~18GHz
Coupling:	10±0.7, 40±0.7, 40±1.5, 50±1.5dB
VSWR (Mainline):	1.1 max.
VSWR (Coupline):	1.25 max.
	1.3 max. (Outline D)
Directivity:	25dB min. (Outline C, D)
	30dB min. (Outline A, B)
Power Handling:	0.18MW

Mechanical

Interface:	WR-62 (BJ140)
Flange:	FBP140
Material:	Aluminium
Finish:	Conductive oxidation
Coating:	Black paint (Outline C)
	Sea gray (Outline D)

How To Order

FSDBC-11900-18000-W-X-Y-Z

W: Coupling:

10±0.7 - Outline A

40±0.7 - Outline B

40±1.5 - Outline D

50±1.5 - Outline C

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

S - SMA female (Outline C, D)

62 - WR-62 (Outline A, B)

Material naming rules:

A - Aluminium (Outline A, B, C, D)

Flange naming rules:

1 - FBP (Outline A, B, C, D)

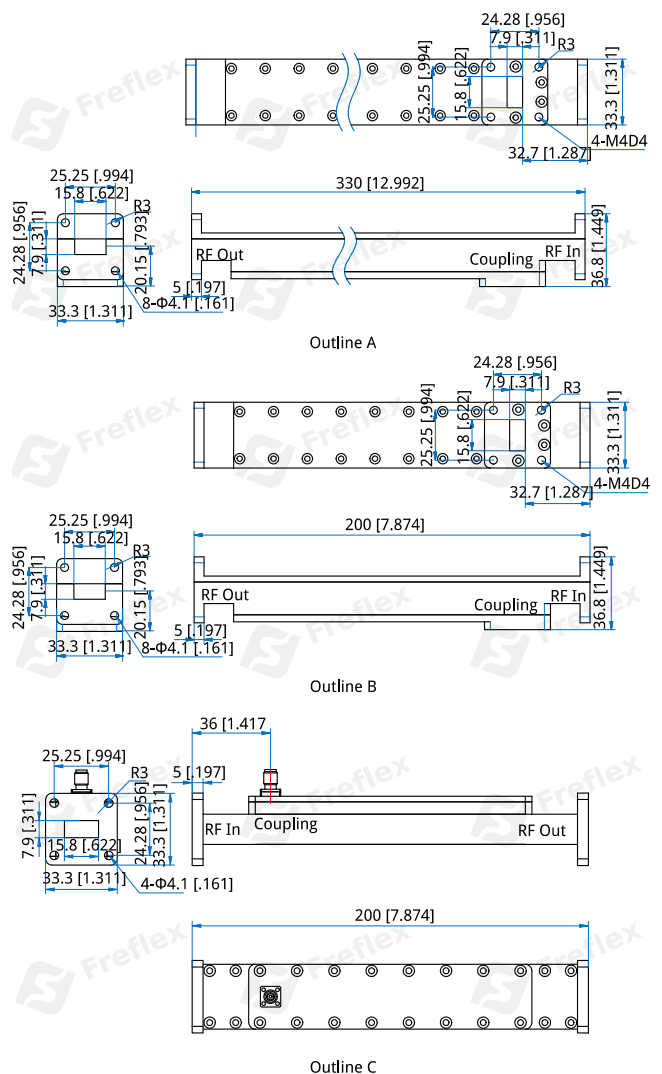
Examples:

To order a Single Directional Broadwall Coupler, 11.9~18GHz, 10dB, WR-62, Aluminium, FBP140, specify FSDBC-11900-18000-10-62-A-1.

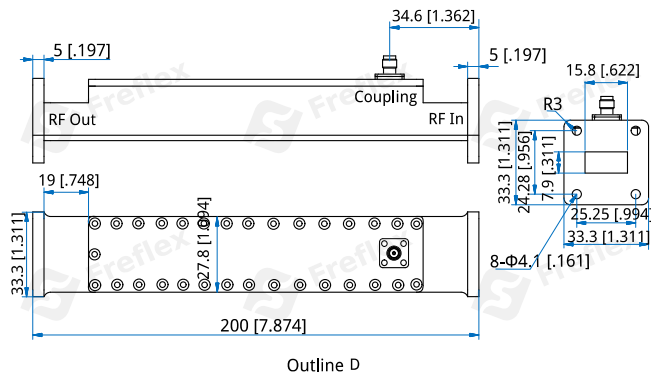
Environmental

Operating Temperature: -40~+125°C

Outline Drawings



Single Directional Broadwall Couplers



Unit: mm [in]

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

Customization is available upon request.