

FDDCC-11900-18000

11.9~18GHz

Features:

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

Applications:

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

Electrical

Frequency: 11.9~18GHz
 Power Handling: 0.18MW

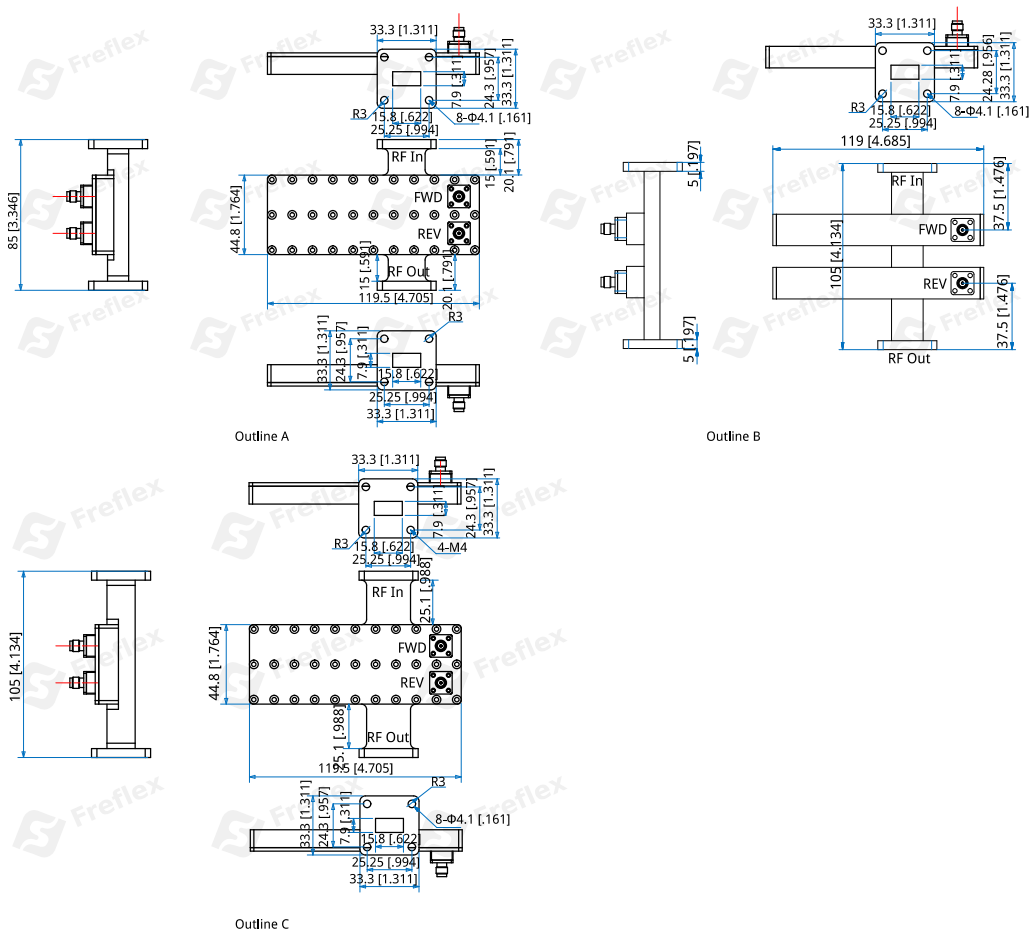
Coupling (dB)	Insertion Loss (dB max.)	VSWR (Mainline) (max.)	VSWR (Coupline) (max.)	Directivity (dB min.)
30±1.5	-	1.1	1.25	15
40±1.5	0.1	1.1	1.3	20
50±1.0	-	1.1	1.25	20

Mechanical

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

Environmental

Operating Temperature: -40~+125°C

Outline Drawings


Unit: mm [in]

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

How To Order

FDDCC-11900-18000-W-X-Y-Z

W: Coupling:

30 - Outline A

40 - Outline B

50 - Outline C

X: Coupling Connector type

Y: Material

Z : Flange type

Connector naming rules:

S - SMA female (Outline A, B, C)

Dual Directional Crossguide Couplers

Material naming rules:

A - Aluminium (Outline A, B, C)

Flange naming rules:

1 - FBP (Outline A, B, C)

Examples:

To order a Dual Directional Crossguide Coupler, 11.9~18GHz, 30dB, SMA female, Aluminium, FBP140, specify

FDDCC-11900-18000-30-S-A-1.

Customization is available upon request.