

QDDCC-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

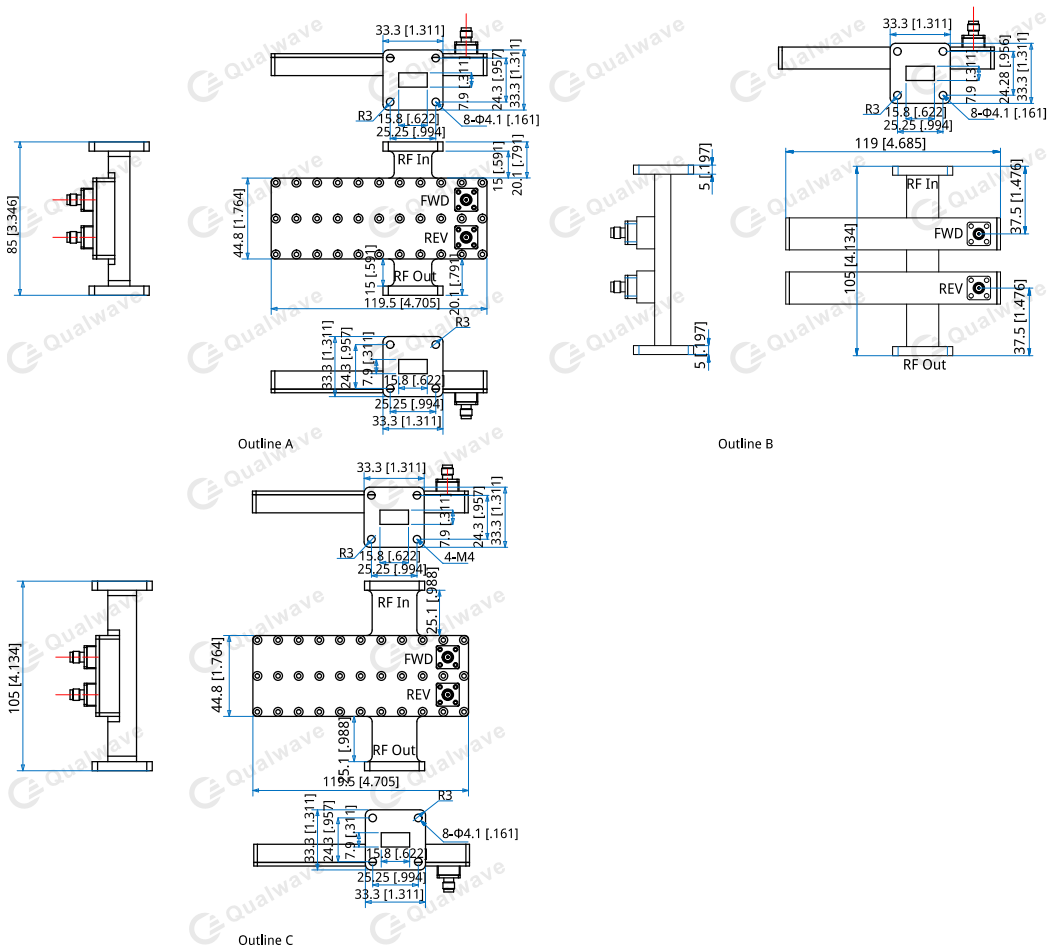
Mechanical

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

QDDCC-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

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

Customization is available upon request.