

QSDBC-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 A, B) Sea gray (Outline D)

How To Order

QSDBC-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)

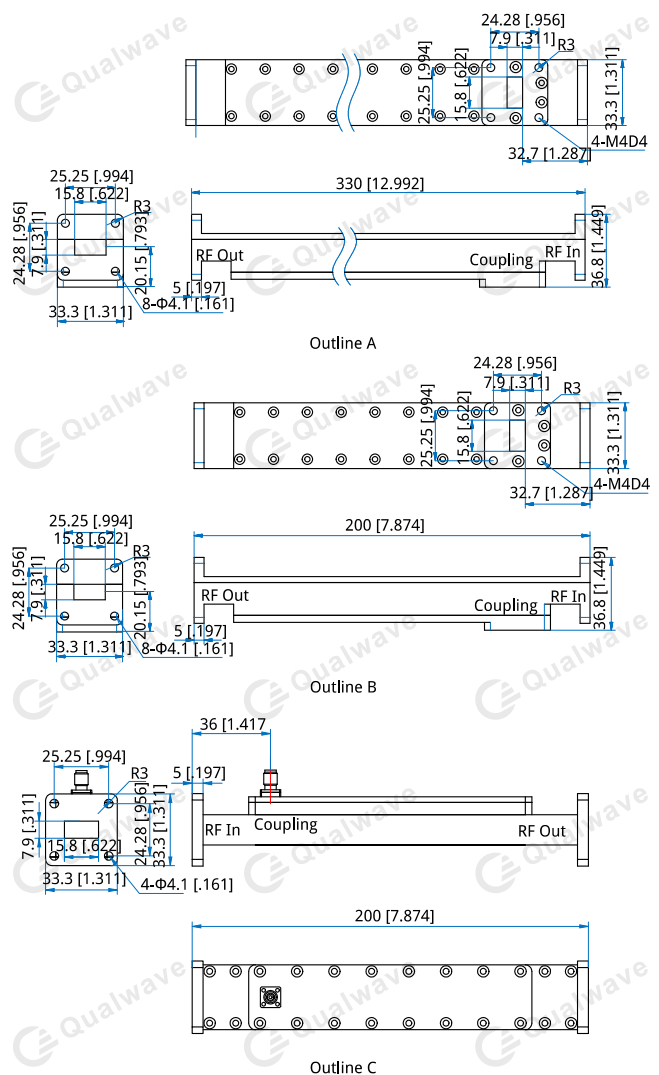
Examples:

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

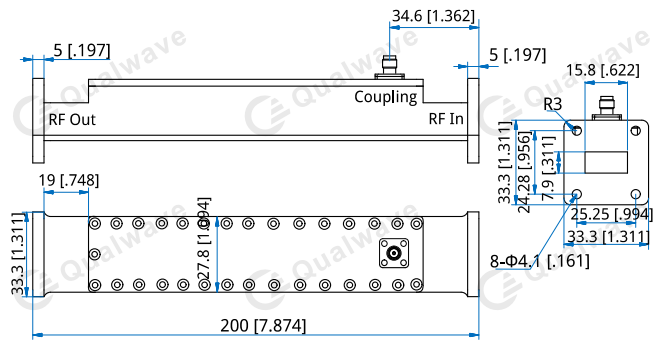
Environmental

Operating Temperature: -40~+125°C

Outline Drawings



Single Directional Broadwall Couplers



Outline D

Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

Customization is available upon request.