

QDDBC-17600-26700

17.6~26.7GHz

Features:
 * Broadband
 * High Power
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 17.6~26.7GHz
 Coupling: 10, 30, 40, 45, 50dB
 Power Handling: 0.066MW

Coupling (dB)	Insertion Loss (dB max.)	VSWR (Mainline) (max.)	VSWR (Coupline) (max.)	Directivity (dB min.)	Outline Drawings
10±0.75	-	1.1	1.25	30	Outline A
30±1	0.15	1.1	1.3	30	Outline B
40±1	0.15	1.1	1.3	20	Outline B
45±0.5	0.2	1.1	1.3	30	Outline C
50±1.5	-	1.1	1.3	30	Outline D

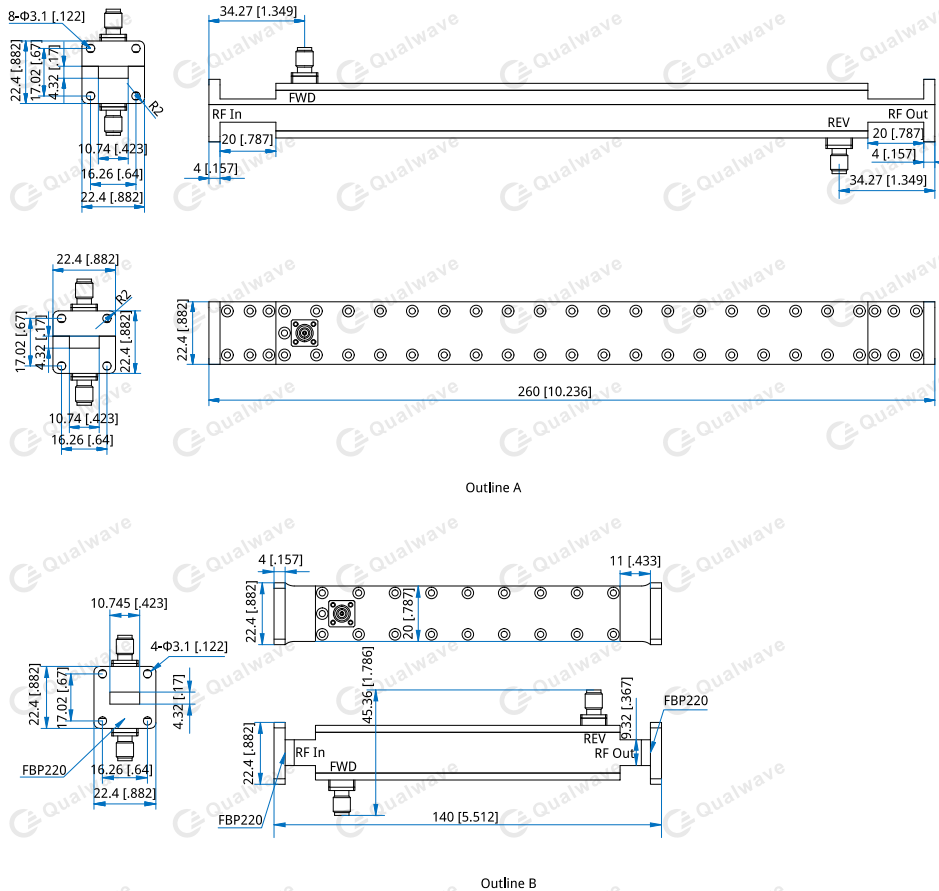
Mechanical

Interface: WR-42 (BJ220)
 Flange: FBP220
 Material: Aluminium
 Finish: Conductive oxidation
 Coating: Gray paint (Outline A)
 Black paint (Outline B, C, D)

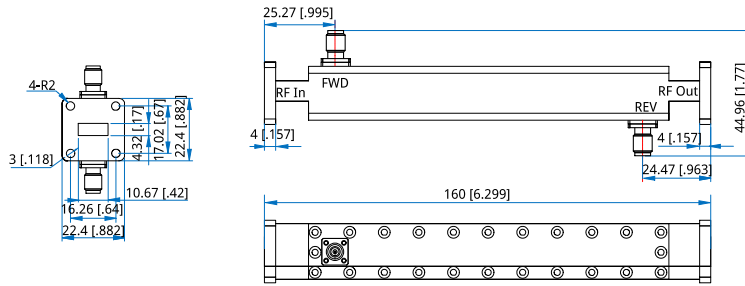
Environmental

Operating Temperature: -40~+125°C

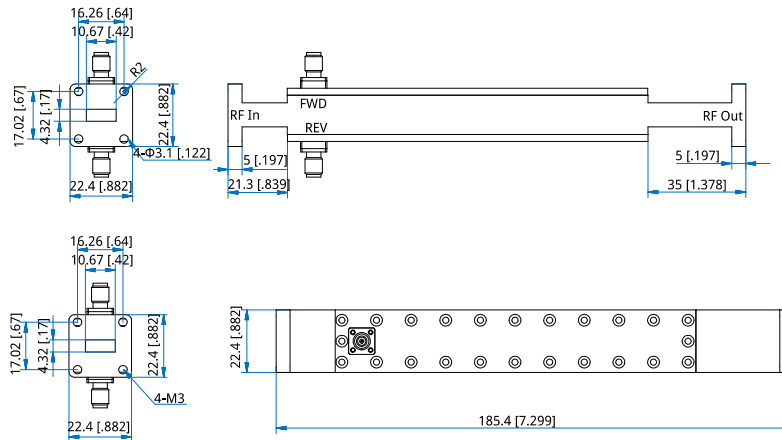
Outline Drawings



Dual Directional Broadwall Couplers



Outline C



Outline D

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

How To Order

QDDBC-17600-26700-W-X-Y-Z

W: Coupling:

10 - Outline A

30, 40 - Outline B

45 - Outline C

50 - Outline D

X: Coupling Connector type

Y: Material

Z: Flange type

Connector naming rules:

K - 2.92mm female (Outline A, B, C, D)

Material naming rules:

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

Flange naming rules:

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

Examples:

To order a Dual Directional Broadwall Coupler, 17.6~26.7GHz, 40dB, 2.92mm female, Aluminium, FBP220, specify QDDBC-17600-26700-40-K-A-1.

Customization is available upon request.