

QSDC-300-2400-30

0.3~2.4GHz, 30W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 0.3~2.4GHz
 VSWR: 1.3 max.
 Average Power: 30W
 Impedance: 50Ω

Coupling (dB)	Frequency (GHz)	Insertion Loss (dB max.)	Directivity (dB min.)	Outline Drawings
10, 20, 30±3.5	0.3~0.5	1	18	Outline A
10, 20, 30±1	0.51~2.4			
20±2.5	0.3~0.5	0.5		Outline B
20±1.5	0.51~2.4			

Mechanical

Size*1 (Outline A): 115*15.5*11mm
 4.528*0.61*0.433in
 Size*1 (Outline B): 137*15.5*11mm
 5.394*0.61*0.433in
 Connectors: SMA Female
 Mounting: 4-Φ2.2mm through-hole
 4-M2, depth 5mm

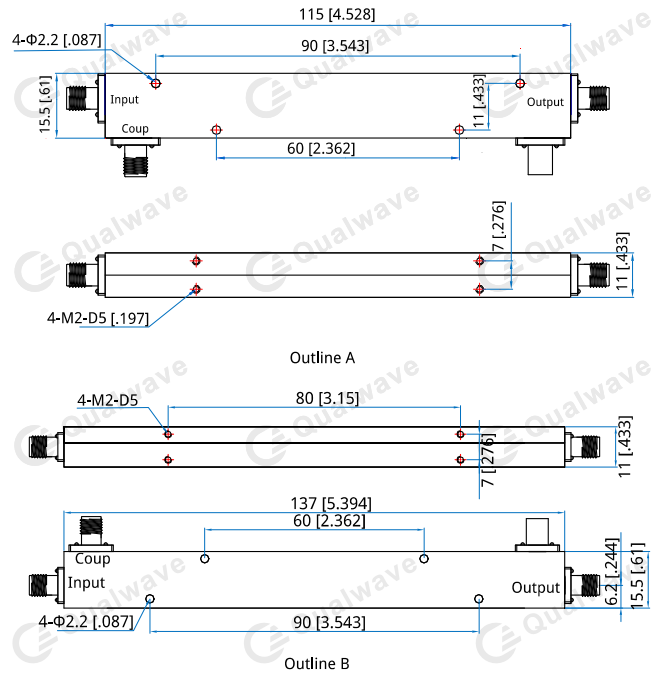
[1] Exclude connectors and terminations.

Environmental

Operating Temperature: -30~+70°C
 Non-operating Temperature: -40~+80°C

Customization is available upon request.

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

QSDC-300-2400-30-X-Y

X: Coupling:
 10, 20, 30dB
 Y: Connector type

Connector naming rules:
 S - SMA Female

Examples:

To order a single directional coupler, 0.3~2.4GHz, 30W, 20dB, SMA, Outline A, specify QSDC-300-2400-30-20-S.

Remarks

QSDC-300-2400-30-20-S - Outline A
 QSDC-300-2400-30-20-S-1 - Outline B