

QSDC-0-8500-30

0~8.5GHz, 30W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 0~8.5GHz
 Coupling: 10±1.2dB, 20±1.2dB
 VSWR (Mainline): 1.1 typ./1.3 max.
 VSWR (Coupling): 1.1 typ./1.3 max.
 Average Power: 30W
 Peak Power: 3000W max.

Electrical (10dB)

Frequency (GHz)	Coupling (dB typ./max.)	Insertion Loss (dB typ./max.)	Directivity (dB typ./min.)
DC~0.3	25/-	0.2/0.7	25/-
0.3~0.5	12/-	0.5/0.9	
0.5~8.5	10/10±1.2	0.8/1.3	25/20

Electrical (20dB)

Frequency (GHz)	Coupling (dB typ./max.)	Insertion Loss (dB typ./max.)	Directivity (dB typ./min.)
DC~0.3	35/-	0.2/0.5	25/-
0.3~0.5	22/-	0.2/0.5	
0.5~8.5	20/20±1.2	0.4/0.8	25/20

Mechanical

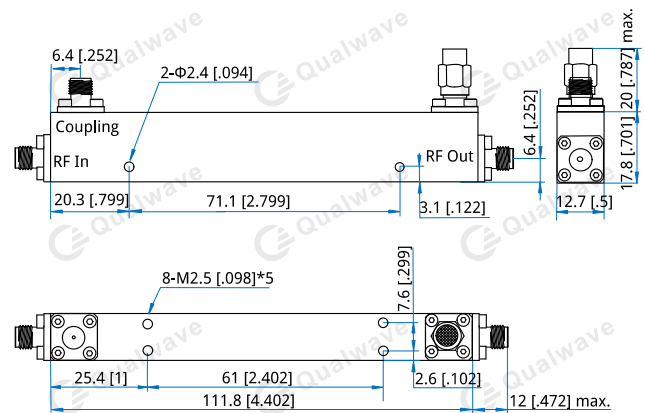
Size*1: 111.8*17.8*12.7mm
 4.402*0.701*0.5in
 Connectors: SMA female
 Mounting: 2-Φ2.4mm through-hole

[1] Exclude connectors and terminations.

Environmental

Operating Temperature: -55~+85°C
 Non-operating Temperature: -55~+100°C

Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

How To Order

QSDC-0-8500-30

Customization is available upon request.