

QSDC-0-67000-12-16-V

DC~67GHz, 12W, 16dB

Features:

- * Broadband
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~67GHz
Coupling:	16dB
Average Power*1:	12W max.
Peak Power:	1000W max.
Impedance:	50Ω

[1] The power needs to meet the matching VSWR not exceeding 1.2.

Mechanical

Size*2:	88.9*17.8*12.7mm
	3.5*0.701*0.5in
Connectors:	1.85mm Female
Mounting:	2-Φ2.6mm through-hole
	8-M2.5mm depth 5mm

[2] Exclude connectors.

Electrical (16dB)

Frequency (GHz)	Coupling (dB typ./max.)	Coupling Flatness (dB typ./max.)	Insertion Loss (dB typ./max.)	Directivity (dB typ./min.)	VSWR (Mainline) (typ./max.)	VSWR (Coupling) (typ./max.)
DC~1	30/-	-/-	0.2/3	20/-	1.1/1.5	1.1/1.6
1~26.5	16/16±1.2	±1.2/±1.5	1.2/3	16/13	1.3/1.5	1.3/1.6
26.5~50	16/16±1.2	±1.2/±1.5	2/3	13/10	1.4/1.5	1.5/1.6
50~67	16/16±1.2	±1.2/±1.5	2.7/4	11/10	1.5/1.6	1.6/1.7

Environmental

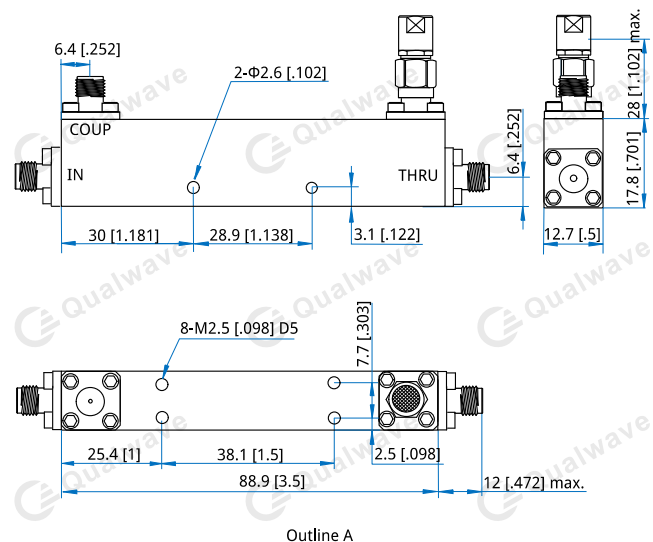
Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

How To Order

QSDC-0-67000-12-16-V

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±1mm [±0.039in]