

QHC9-10000-67000-12-V

10~67GHz, 12W

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	10~67GHz
Insertion Loss ^{*1} :	3.2dB max.
VSWR:	2 max.
Isolation:	8dB min.
Amplitude Balance:	±1.2dB max.
Phase Balance:	±10° max.
Average Power ^{*2} :	12W
Peak Power:	1000W

[1] Excluding theoretical loss 3dB.

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

Frequency (GHz)	Insertion Loss ^{*1} (dB max.)	VSWR (max.)	Isolation (dB min.)
10~18	1.6	1.6	16
18~40	2.4	1.8	12
40~67	3.2	2	8

Mechanical

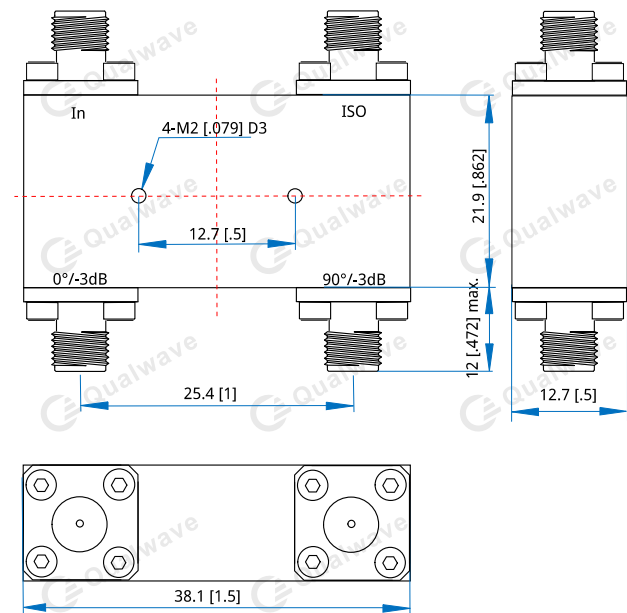
Size ^{*3} :	38.1*21.9*12.7mm 1.5*0.862*0.5in
Connectors:	1.85mm female
Mounting:	4-M2mm

[3] Exclude connectors.

Enviromental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±1mm [±0.039in]

How To Order

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Customization is available upon request.