

QDDC-18000-67000-12

18~67GHz, 12W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	18~67GHz
Average Power*1:	12W CW max.
Peak Power:	1000W max.
Impedance:	50Ω

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

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
10±1.1	3.7	2 (Mainline)	±1.1	8
		2 (Coupling)		
20±1.1	3.1	2 (Mainline)	±1.2	7
		2 (Coupling)		
30±1.2	2.8	2 (Mainline)	±1.2	7
		2 (Coupling)		

How To Order

QDDC-18000-67000-12-X-Y

X: Coupling (10, 20, 30dB)

Y: Connector type

Connector naming rules:

V - 1.85mm female

Examples:

To order a dual directional coupler, 18~67GHz, 12W, 30dB, 1.85mm female, specify QDDC-18000-67000-12-30-V.

Customization is available upon request.

Mechanical

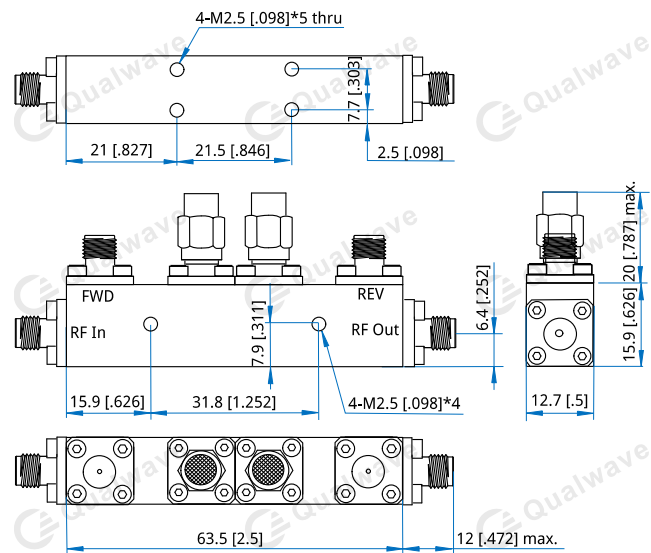
Size*2:	63.5*15.9*12.7mm
	2.5*0.626*0.5in
Connectors:	1.85mm Female

[2] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

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