

QDA-0-50000-90-10

DC~50GHz, 11dB, 1dB

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

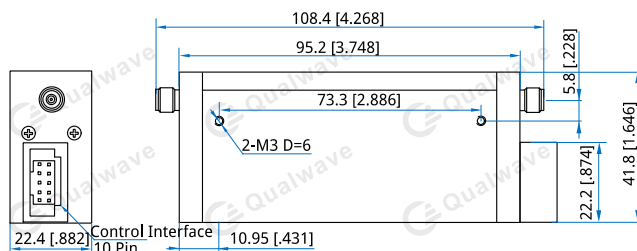
Frequency:	DC~50GHz
Attenuation Range:	0~90dB
Step:	10dB
Average Power:	+30dBm
Peak Power:	50W
Impedance:	50Ω
Voltage:	24V DC
Current:	100~200mA

Mechanical

Size*1:	95.2*41.8*22.4mm 3.748*1.646*0.882in
Operation Life:	2M Cycles
Switching Time:	20ms max.
RF Connectors:	2.4mm Female

Environmental

Operating Temperature:	0~+55°C
Non-operating Temperature:	-55~+85°C

Outline Drawings


Unit: mm [in]

Tolerance: 5%

How To Order
[QDA-0-50000-90-10](#)

Customization is available upon request.

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)										VSWR (max.)	Insertion Loss (dB max.)
	10	20	30	40	50	60	70	80	90			
DC~12.4	±0.6	±0.7	±0.8	±1.2	±1.3	±1.8	±3.5%	±4%	±5%	1.45	1.6	
12.4~40										1.85	3.5	
40~50	±0.75	±0.85	±1.1	±1.35	±1.55	±2	±4%	±4.5%	±5.5%	2.2	4	