

QDA-0-50000-65-5

DC~50GHz, 65dB, 5dB

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

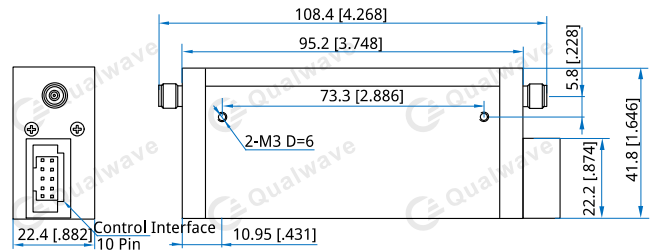
Frequency:	DC~50GHz
Insertion Loss:	4dB max.
Attenuation Range:	0~65dB
Step:	5dB
Average Power:	1W
Peak Power:	50W
Impedance:	50Ω
Voltage:	24V DC
Current:	100~200mA

Mechanical

Size*1:	95.2*41.8*22.4mm
	3.748*1.646*0.882in
RF Connectors:	2.4mm Female
Operation Life:	5M Cycles
Switching Time:	20ms max.
RF Connectors:	2.4mm Female

Environmental

Operating Temperature:	0~+50°C
Non-operating Temperature:	-20~+70°C

Outline Drawings


Unit: mm [in]

Tolerance: ±5%

How To Order
QDA-0-50000-65-5

Customization is available upon request.

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	5	10	20	30	
DC~50	±0.8	±0.8	±1.4	±1.5	1.6

Control Mode

Power Supply: 10 Pin connector (pin), 10 pins are the positive and negative poles of the power supply (+20~+28Vdc), rated voltage +24Vdc, and 3 pins are the negative pole.

Control: If this pin transitions from TTL low level (0V~+0.8Vdc) to high level (+3.3V~+5Vdc) and pulse mode, and other pins (except for 3, 10 pins) are TTL low level, their respective functions are achieved

Pin1	Pin2	Pin4	Pin5	Pin6	Pin7	Pin8	Pin9
First level 5dB attenuation	First level connection	directThird level 20dB attenuation	Second level 10dB attenuation	Fourth level 30dB attenuation	Fourth level direct connection	Second level direct connection	Third level direct connection