

## QDA-0-50000-35-5

DC~50GHz, 35dB, 5dB

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

### Electrical

Frequency:	DC~50GHz
Attenuation Range:	0~35dB
Step:	5dB
Average Power:	+30dBm
Peak Power:	50W
Impedance:	50Ω
Voltage:	24V DC
Current:	100~200mA
Repeatability:	±0.05dB typ.

### Mechanical

Size*1:	75.6*41.8*22.4mm 2.976*1.646*0.882in
Operation Life:	5M Cycles
Switching Time:	20ms max.
RF Connectors:	2.4mm Female

[1] Exclude connectors

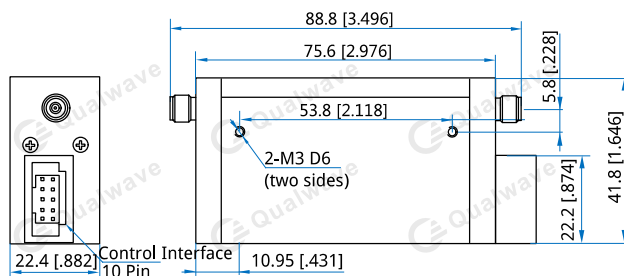
### Environmental

Operating Temperature:	0~+55°C
Non-operating Temperature:	-20~+70°C

### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			VSWR (max.)	Insertion Loss (dB max.)
	5	10	20		
DC~12.4	±0.8	±0.8	±1.4	1.6	1.3
12.4~40	±0.8	±0.8	±1.4	1.6	2.1
40~50	±0.8	±0.8	±1.4	1.6	2.6

### Outline Drawings



Unit: mm [in]

Tolerance: 5%

### How To Order

**QDA-0-50000-35-5**

Customization is available upon request.