

# QDA-18000-26000-47.5-0.5

## 18~26GHz, 47.5dB, 0.5dB

**Features:**

- \* Broadband
- \* High Dynamic Range

**Applications:**

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

**Electrical**

Frequency:	18~26GHz
Insertion Loss:	9dB max.
Attenuation Flatness:	±2dB max.
Digital Control:	8Bit
Step:	0.5dB
Attenuation Range:	47.5dB max.
Attenuation Accuracy:	3% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	2.5 max. @Attenuation 0dB
Voltage:	+5V/-5V DC
Current:	0.1A typ.
Input Power:	27dBm max.

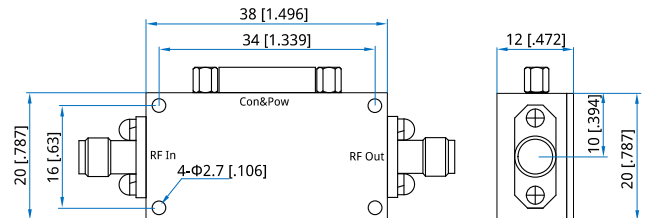
**Mechanical**

Size*1:	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA female
Power Supply & Control Interface Connectors:	J30J-15ZKP
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+70°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Pin Numbering**

Pin	Function	Pin	Function
1	+5V	7	4dB
2	-5V	8	8dB
3	GND	9	16dB
4	0.5dB	10	16dB
5	1dB	11~14	NC
6	2dB	15	GND

**How To Order**

[QDA-18000-26000-47.5-0.5](#)

Customization is available upon request.