

## QCFA1802

### DC~18GHz, 2W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

**Electrical**

Frequency:	DC~18GHz
Attenuation:	1~10, 20, 30dB
VSWR:	1.4 max.
Impedance:	50Ω
Average Power*1:	2W@25°C max.
Peak Power:	20W (5μs pulse width, 1% duty cycle)

[1] Derated linearly to 0.2W@125°C.

**Attenuation Accuracy**

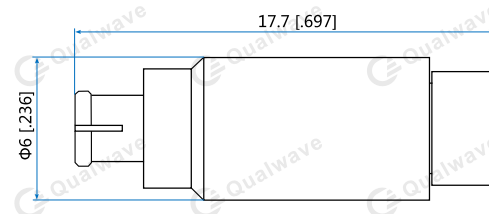
Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	1~10	20	30
DC~18	-1.0/+1.0	-1.0/+1.0	-1.0/+1.0

**Mechanical**

Size:	Φ6*17.7mm
	Φ0.236*0.697in
Weight:	5g
RF Connectors:	SMP
Outer Conductor (Female):	Gold plated beryllium copper
Outer Conductor (Male):	Passivated Stainless Steel
Dielectric:	PEI
Inner Conductor (Female):	Gold plated beryllium copper
Inner Conductor (Male):	Gold plated brass

**Environmental**

Operating Temperature:	-269~125°C
Non-operating Temperature:	-55~125°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±2%

**How To Order**

**QCFA1802-18-X-P**

X: Attenuation in dB

**Examples:**

To order an attenuator, DC~18GHz, SMP male to SMP female, 3dB attenuation, specify QCFA1802-18-3-P.