

# QFA11001

## DC~110GHz, 1W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

**Electrical**

Frequency:	DC~110GHz
Attenuation:	3, 6, 10, 20dB
Impedance:	50Ω
Average Power*1:	1W@25°C max.
Peak Power:	5W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 0.1W@125°C.

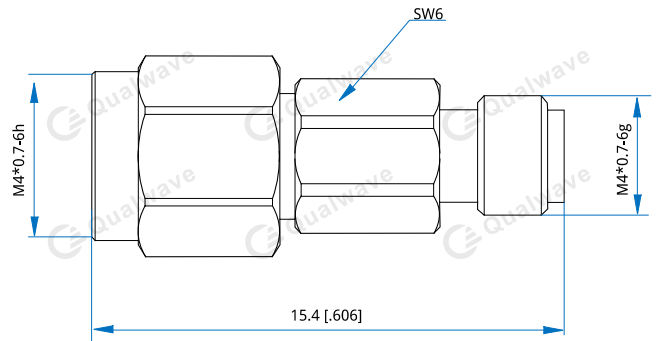
**Mechanical**

RF Connectors:	1.0mm
Dielectric:	PEI
Outer Conductor:	Passivated stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

**Environmental**

Temperature: -55~+125°C

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±2mm [±0.08in]

**Attenuation Accuracy and VSWR**

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	3	6	10	20	
DC~110	-1.0/+2.0	-1.0/+2.0	-1.0/+2.0	-2.0/+1.0	1.6

**How To Order**

**QFA11001-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

1 - 1.0mm

Examples:

To order an attenuator, DC~110GHz, 1.0mm male to 1.0mm female, 10dB attenuation, specify QFA11001-110-10-1