

## QCFA2702

### DC~27GHz, 2W

#### Features:

- \* Low VSWR
- \* High Attenuation Flatness

#### Applications:

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

#### Electrical

Frequency:	DC~27GHz
Attenuation:	1~10, 20, 30dB
VSWR:	1.25 max.
Impedance:	50Ω
Average Power <sup>*1</sup> :	2W@25°C max.
Peak Power:	20W (5μS pulse width, 0.5% duty cycle)

[1] Derated linearly to 0.5W@125°C.

#### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		
	1~10	20	30
DC~27	-0.6/+0.8	-0.6/+0.8	-0.6/+0.8

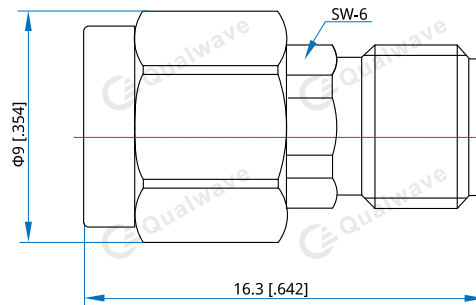
#### Mechanical

Size:	Φ9*16.3mm Φ0.354*0.642in
Weight:	3g
RF Connectors:	SMA
Outer Conductor:	Non-magnetic material
Dielectric:	PTFE
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

**QCFA2702-27-X-N**

X: Attenuation in dB

#### Examples:

To order an attenuator, DC~27GHz, N male to N female, 3dB attenuation, specify QCFA2702-27-3-N.