



# WFA6702

## DC~67GHz, 2W

Features:  
\* Low VSWR  
\* High Attenuation Flatness

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

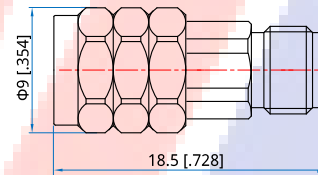
Frequency: DC~67GHz  
Attenuation: 1~10dB, 20dB, 30dB  
Impedance: 50Ω  
Average Power<sup>\*1</sup>: 2W@25°C max.  
Peak Power: 20W (5μS pulse width, 1% duty cycle)

[1] Derated linearly to 0.5W@125°C.

### Environmental

Temperature: -55~+125°C

### Outline Drawings



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

### Mechanical

RF Connectors: 1.85mm  
Dielectric: PEI  
Outer Conductor: Passivated stainless steel  
Male Inner Conductor: Gold plated brass  
Female Inner Conductor: Gold plated beryllium copper

### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			VSWR (max.)
	1~10	20	30	
DC~67	-1.0/+1.2	-1.2/+1.2	-1.5/+1.5	1.35

### How To Order

**WFA6702-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

### Connector naming rules:

V - 1.85mm

Examples:

To order an attenuator, DC~67GHz, 1.85mm male to 1.85mm female, 20dB attenuation, specify WFA6702-67-20-V.