WFA6705

DC~67GHz, 5W

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[*1]:	5W@25°C max.
Peak Power:	20W (5μS pulse width, 1% duty cycle)

[1] Derated linearly to 0.5W@125°C.

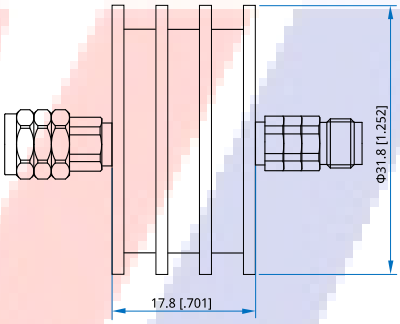
Mechanical

RF Connectors:	1.85mm
Housing:	Aluminum
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.)
	1~10	20	30	
DC~67	-1.0/+1.5	-1.2/+1.5	-1.5/+2.0	1.4

How To Order

WFA6705-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 WFA6705-67-20-V.