WFA26K1

DC~26.5GHz, 100W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~26.5GHz
Attenuation:	3~50dB
Impedance:	50Ω
Average Power[*1]:	100W@25°C max.
Peak Power:	0.5KW (5μS pulse width, 2.5% duty cycle)

[1] Derated linearly to 5W@125°C.

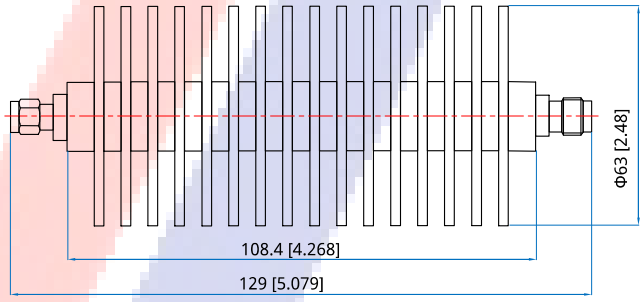
Mechanical

Weight:	390g
Connectors:	3.5mm, SMA
Housing:	Aluminum
Outer Conductor:	Gold plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+85°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	30~50	
DC~18	±1.0	±1.0	±1.0	-1.0/+1.5	±1.0	1.30
DC~26.5	-1.0/+1.5	-1.0/+2.5	-1.0/+3.5	-1.0/+3.0	-1.0/+1.5	1.40

How To Order

WA26K1-X-Y-Z

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type

Connector naming rules:
3 - 3.5mm
S - SMA

Examples:
To order an attenuator, DC-26.5GHz, SMA male to SMA female, 30dB attenuation,specify WFA26K1-26.5-30-S.