WFA40K1

DC~40GHz, 100W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~40GHz
Attenuation:	10, 20, 30, 40dB
Impedance:	50Ω
Average Power[*1]:	100W@25°C max.
Peak Power:	1KW (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 10W@125°C.

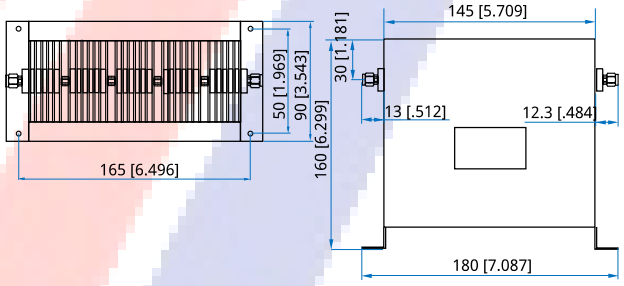
Mechanical

RF Connectors:	2.92mm
Connector Housing:	Passivated stainless steel
Heat Sinks Housing:	Aluminum black anodize
Dielectric:	PEI
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.)
	10	20	30	40	
DC~40	-4.0/+4.0	-4.0/+4.0	-4.0/+4.0	-4.0/+4.0	1.40

How To Order

WFA40K1-X-Y-Z

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

Connector naming rules:
K - 2.92mm

Examples:
To order an attenuator, DC~40GHz, 2.92mm male to 2.92mm female, 20dB attenuation, specify WFA40K1-40-20-K.