



WFA4030

DC~40GHz, 30W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~40GHz
Attenuation: 10dB, 20dB, 30dB, 40dB
Impedance: 50Ω
Average Power*1: 30W@25°C max.
Peak Power: 200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 3W@125°C.

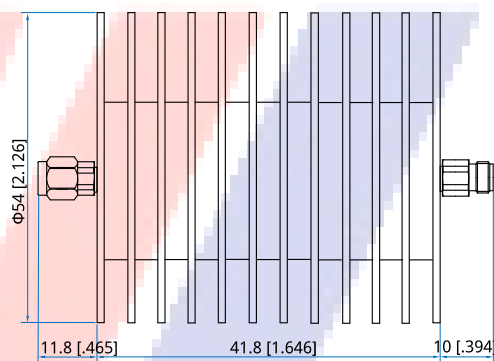
Mechanical

RF Connectors: 2.92mm
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: ±2%

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	10	20	30	40	
DC~40	-1.5/+2.0	-1.5/+2.0	-1.5/+2.0	-1.5/+2.0	1.35

How To Order

WFA4030-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 WFA4030-40-20-K.