



WFA014K

DC~1GHz, 4000W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency: DC~1GHz
 Attenuation: 20, 30, 40, 50dB
 Impedance: 50Ω
 Average Power: 4000W@25°C max.
 Peak Power: 100KW (10μS pulse width)

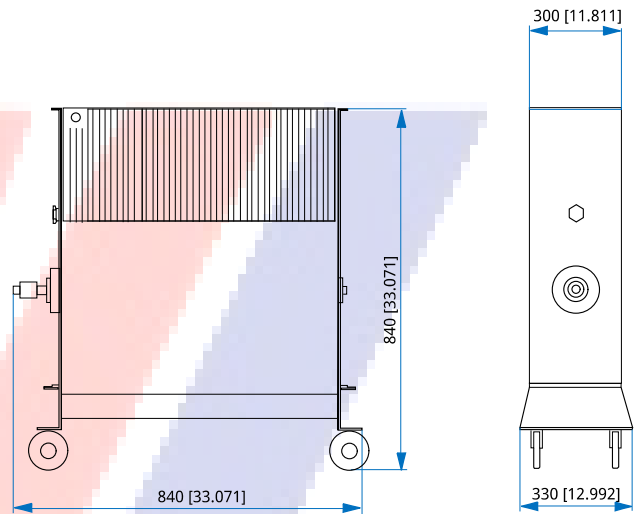
Mechanical

Size: 840*330*840mm
 33.071*12.992*33.071in
 RF Connectors: 7/16 DIN female
 N female
 Housing: Aluminum
 Outer Conductor: Nickel Plated Brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated phosphor copper
 Cooling: Oil cooling and air cooling

Environmental

Temperature: -40~+45°C

Outline Drawings



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

Expain:
 Replace the hexagon nut with the exhaust valve before startup, and replace the exhaust valve with the hexagon nut during transportation.

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	20	30	40	50	
DC~0.5	/	±1.0	±1.0	±1.0	1.25,
0.5~1	/	/	/	/	1.40

How To Order

WFA014K-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

7F - 7/16 DIN female

NF - N DIN female

Examples:

To order an attenuator, DC~1GHz, 7/16 DIN female to N female, 30dB attenuation, specify WFA014K-1-30-7FNF.