



WFA015K

DC~1GHz, 5000W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~1GHz
Attenuation: 20dB, 30dB, 40dB, 50dB
Impedance: 50Ω
Average Power: 5000W@25°C max.
Peak Power: 100KW (1μS pulse width, 5% duty cycle)

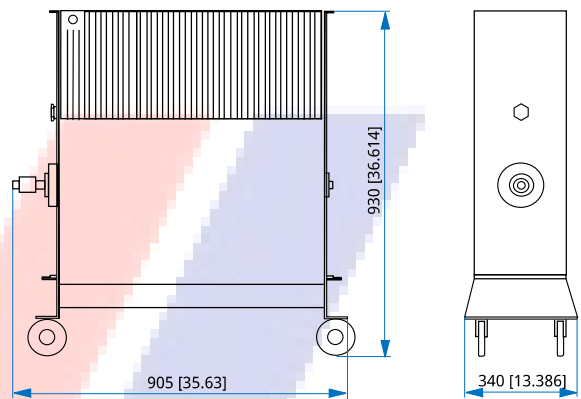
Mechanical

Size: 905*340*930mm
35.63*13.386*36.614in
Weight: 110Kg
RF Connectors: 7/16 DIN
Housing: Aluminum
Outer Conductor: Nickel Plated Brass
Male Inner Conductor: Silver plated brass
Female Inner Conductor: Silver plated silicon manganese 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@7/16DIN female

How To Order

WFA015K-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

7F - 7/16 DIN female

7 - 7/16 DIN male

Examples:

To order an attenuator, DC~1GHz, 7/16 DIN male to 7/16 DIN female, 50dB attenuation, specify WFA015K-1-50-7.