

Type N F/F Bulkhead Coaxial RF Surge Protector, 125MHz - 1GHz,
DC Block, 200W, 1uJ, 50kA, Blocking Cap, Hole Mount



US-NEMP-C2

Features

- Surge current of 50kA
- Max Power 375W
- Frequency range from 125 MHz to 1 GHz
- N-type Female connectors
- VSWR 1.1:1
- Multi-strike capability
- CE & RoHS compliant
- Buy America Act Compliant

Applications

- HF, UHF and VHF radios
- Ham radios
- Remote industrial monitoring

Description

RF surge protector (also known as lightning arrester or surge arrester) US-NEMP-C2 from PolyPhaser, integrating a RF blocking capacitor with a gas tube (GT or GDT). This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. All PolyPhaser RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type
DC Handling

Blocking Cap and Gas Tube
DC Block

Description	Minimum	Typical	Maximum	Units
Frequency Range	125		1,000	MHz
Impedance		50		Ohms
VSWR			1.1:1	
Insertion Loss			0.1	dB
Input Power, CW			200	Watts
Surge Current IEC 61000-4-5 8/20µs waveform			50	kA
Turn On Voltage	250		510	Volts
Throughput Energy			1	uJ

Mechanical Specifications

Size

Length

2.72 in [69.09 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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Width/Diameter	1 in [25.4 mm]
Weight	1 lbs [453.59 g]

Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Temperature

Operating Range	-50 to +50 deg C
Storage Range	-55 to +85 deg C

Ingress Protection (IP) Rating	None
Vibration	1G at 5Hz to 100Hz

Compliance Certifications

CE

Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

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URL: <https://www.polyphaser.com/type-n-surge-protector-1ghz-blocking-cap-gas-tube-us-nemp-c2-p.aspx>

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US-NEMP-C2 CAD Drawing

