



Type N F/M Coaxial RF Surge Protector, 125MHz - 1GHz, DC Block, 375W, 220uJ, 50kA, Blocking Cap, Bracket Up, Hole Mount

IS-50NX-C2-ME

Features

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

Applications

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

Description

RF surge protector (also known as lightning arrester or surge arrester) IS-50NX-C2-ME 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			375	Watts
375 W @ 125 to 220 MHz				
125 W @ 220 to 700 MHz				
50 W @ 700 to 1000 MHz				
Surge Current			50	kA
IEC 61000-4-5 8/20µs waveform				
Turn On Voltage		600 20%		Volts
Throughput Energy			220	uJ
for 3kA, 8/20µs waveform				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Type N F/M Coaxial RF Surge Protector, 125MHz - 1GHz, DC Block, 375W, 220uJ, 50kA, Blocking Cap, Bracket Up, Hole Mount IS-50NX-C2-ME](#)

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Mechanical Specifications

Weight	0.3624 lbs [164.38 g]
Configuration	
Input Connector	N Female
Output Connector	N Male

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

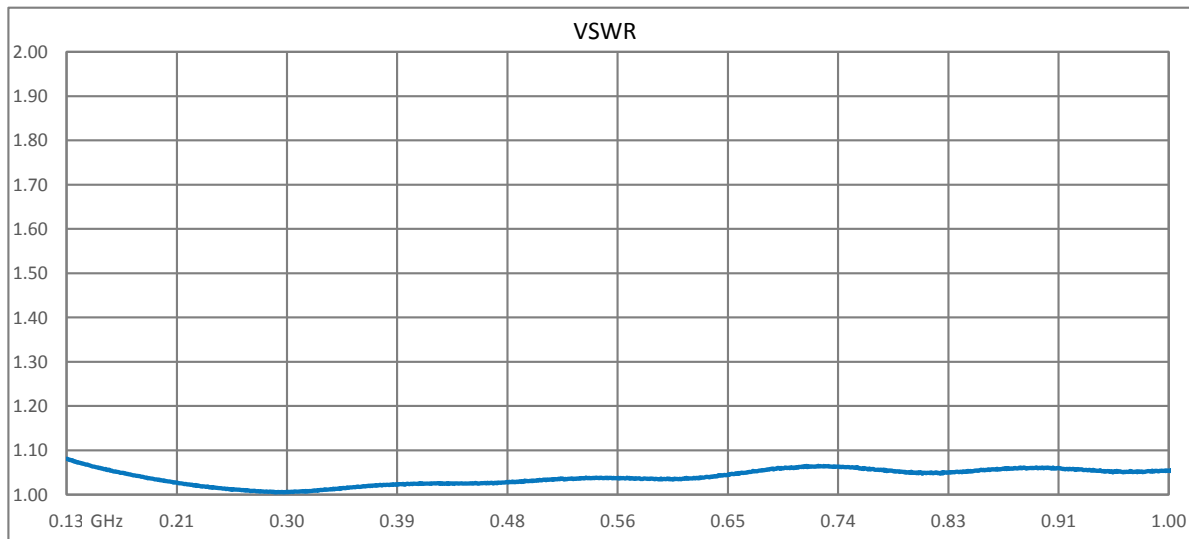
Compliance Certifications

CE Compliant	Yes
UL	UL497E

Plotted and Other Data

Notes:

Typical Performance Data

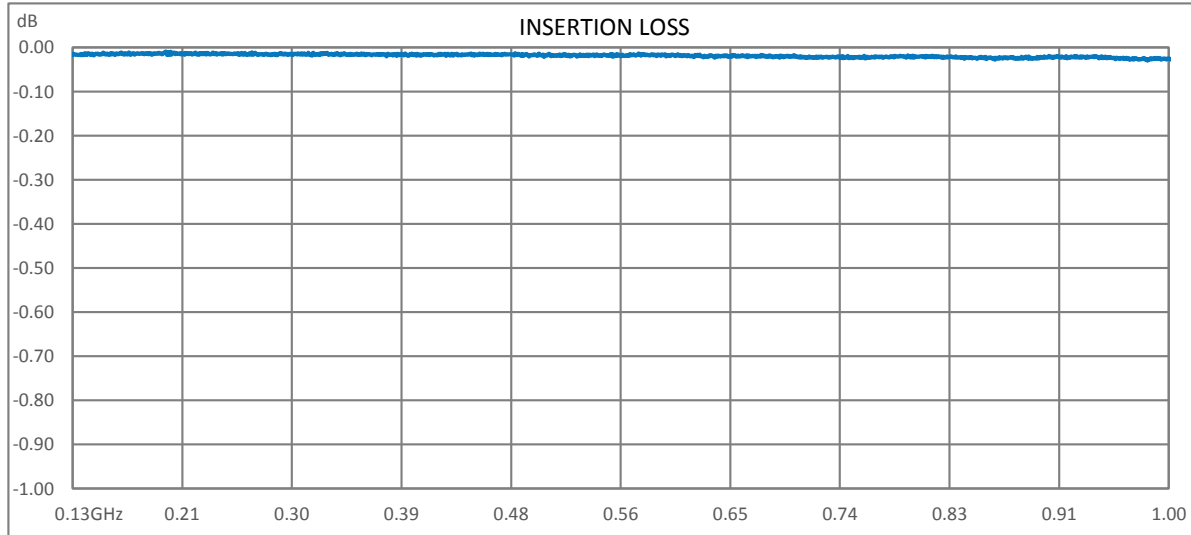


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PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, 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-is-50nx-c2-me-p.aspx>

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IS-50NX-C2-ME CAD Drawing

