

Type N M/F Coaxial RF Surge Protector, 0.5MHz - 1GHz, DC Block, 750W, IP67, 15mJ, 20kA, Filter, Bracket Down, Hole Mount



VUF50NHP-MA

Features

- Surge current of 20kA
- Max Power 750W
- Frequency range from 0.5 MHz to 1 GHz VHF Band
- N Male to N Female connectors
- VSWR 1.1:1
- Waterproof IP67 rated
- DC Block
- Multi-strike capability
- CE & RoHS compliant

Applications

- Emergency response systems
- Public safety systems

Description

RF filter (also known as lightning arrester or surge arrester) VUF50NHP-MA from PolyPhaser, integrating a patented inductor designed for lightning surges and a RF blocking capacitor. 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

Surge Filter
DC Block

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.5		1,000	MHz
Impedance		50		Ohms
VSWR			1.1:1	
Insertion Loss			0.1	dB
Input Power, CW			750	Watts
Surge Current IEC 61000-4-5 8/20µs waveform			20	kA
Turn On Voltage		1,800		Volts
Throughput Energy for 3kA @ 8/20µs waveform			15	mJ

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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Mechanical Specifications

Size

Length	3.01 in [76.45 mm]
Width/Diameter	1.75 in [44.45 mm]
Weight	0.8 lbs [362.87 g]

Configuration

Input Connector	N Male
Output Connector	N Female

Environmental Specifications

Temperature

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

Ingress Protection (IP) Rating	IP67
Humidity	100% condensing

Compliance Certifications

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-filter-vuf50nhp-ma-p.aspx>

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VUF50NHP-MA CAD Drawing

