

Type N F/F Bulkhead Coaxial RF Surge Protector, 6GHz - 10GHz, DC Block, 750W, IP67, .5uJ, 10kA, Filter

WSXM

Features

- Surge current of 10kA
- Max Power 750W
- Frequency range from 6 GHz to 10 GHz
- Waterproof IP67 rated
- N-type Female connectors

Applications

- Cellular communication systems
- · Public safety systems

- DC Block
- Typical VSWR <1.2:1
- Low insertion loss
- CE & RoHS compliant
- Directional
- · Emergency response systems
- Industrial

Description

RF surge protector (also known as lightning arrester or surge arrestor) WSXM from PolyPhaser, utilizing a patented spiral inductor design enables an almost instantaneous response to a lightning surge to protect critical hardware while maintaining the RF performance. 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	6		10	GHz
Impedance		50		Ohms
VSWR		1.2:1	1.43:1	
Insertion Loss		0.1	0.2	dB
Input Power, CW			750	Watts
Surge Current			10	kA
IEC 61000-4-5 8/20µs waveform				
Throughput Energy			500	nJ
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/F Bulkhead Coaxial RF Surge Protector, 6GHz - 10GHz, DC Block, 750W, IP67, .5uJ, 10kA, Filter WSXM





Type N F/F Bulkhead Coaxial RF Surge Protector, 6GHz - 10GHz, DC Block, 750W, IP67, .5uJ, 10kA, Filter

WSXM



2.72 in [69.09 mm] 0.73 in [18.54 mm]
1 lbs [453.59 g]
N Female N Female
-40 to +85 deg C -40 to +85 deg C
IP67 1G at 5Hz to 100Hz

Compliance Certifications

CĒ

Plotted and Other Data

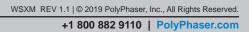
Notes:

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.

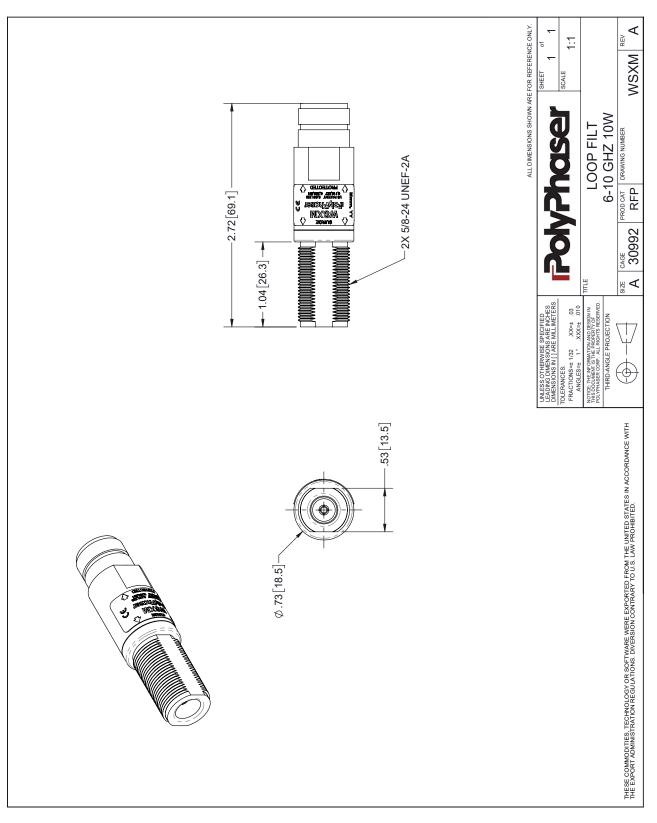
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Type N F/F Bulkhead Coaxial RF Surge Protector, 6GHz - 10GHz, DC Block, 750W, IP67, .5uJ, 10kA, Filter WSXM

URL: https://www.polyphaser.com/type-n-surge-protector-10ghz-filter-wsxm-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. PolyPhaser reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. PolyPhaser does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and PolyPhaser does not assume any liability arising out of the use of any part or documentation.



WSXM CAD Drawing



WSXM REV 1.1 | © 2019 PolyPhaser, Inc., All Rights Reserved.