PolyPhaser

Type N F/F Bulkhead Coaxial RF Surge Protector, 800MHz - 25GHz, 750W, IP67, 13 V Max., 25uJ, 40kA, Hybrid

DAS-HY-NFNF-02S

Features

- Surge current 40kA
- Max Power 750W
- Frequency Range from 800MHz to 1000MHZ, 1600MHz to 2000MHz
- N-Type Female connector surge side, N-Type Female connector protected side
- AISG RJ45 Connector
- Waterproof IP67 rated
- VSWR Max 1.1:1
- Insertion Loss Max 0.1dB

Applications

- Cellular communication systems
- Public safety systems
- Emergency response systems
- Industrial

Description

RF surge protector (also known as lightning arrester or surge arrestor) DAS-HY-NFNF-02S from PolyPhaser, utilizing a patented hybrid protection technology integrating a silicon avalanche suppression diode (SASD), a Metal Oxide Varistor (MOV) and 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	Hybrid
DC Handling	DC Pass

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.8		25	GHz
Impedance		50		Ohms
VSWR			1.1:1	
Insertion Loss			0.1	dB
Operating Voltage (DC)			13	Volts
Input Power, CW			750	Watts
Surge Current IEC 61000-4-5 8/20µs waveform			40	kA
Throughput Energy for 3kA, 8/20µs waveform			25	uJ

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

Weight	1.4 lbs [635.03 g]
Configuration	
Input Connector	N Female
Output Connector	N Female

Environmental Specifications

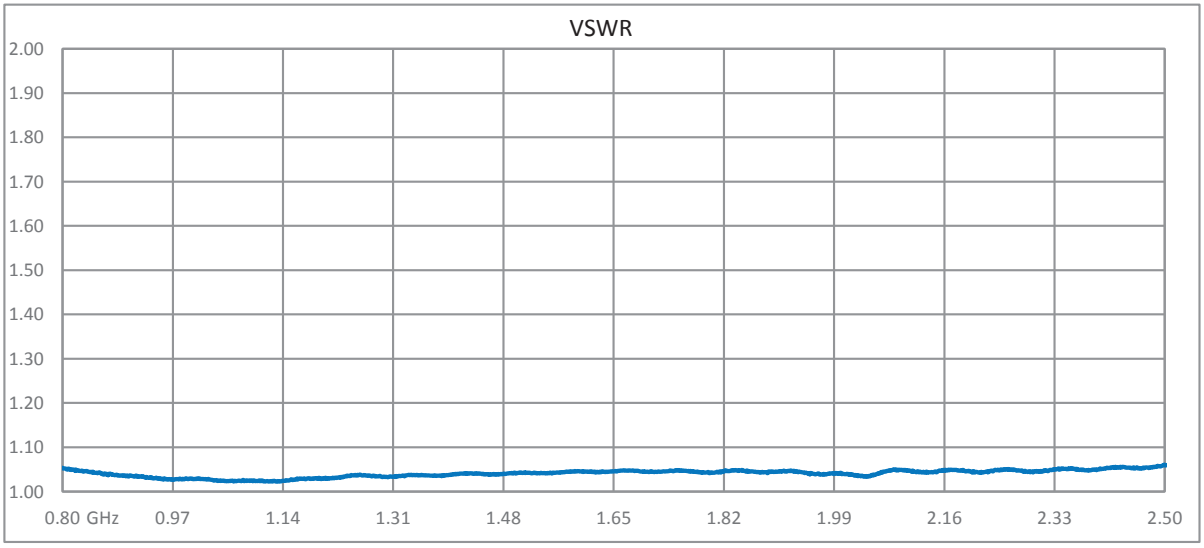
Temperature	
Operating Range	-45 to 85 deg C
Storage Range	-45 to +85 deg C
Ingress Protection (IP) Rating	IP67
Humidity	95%

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data



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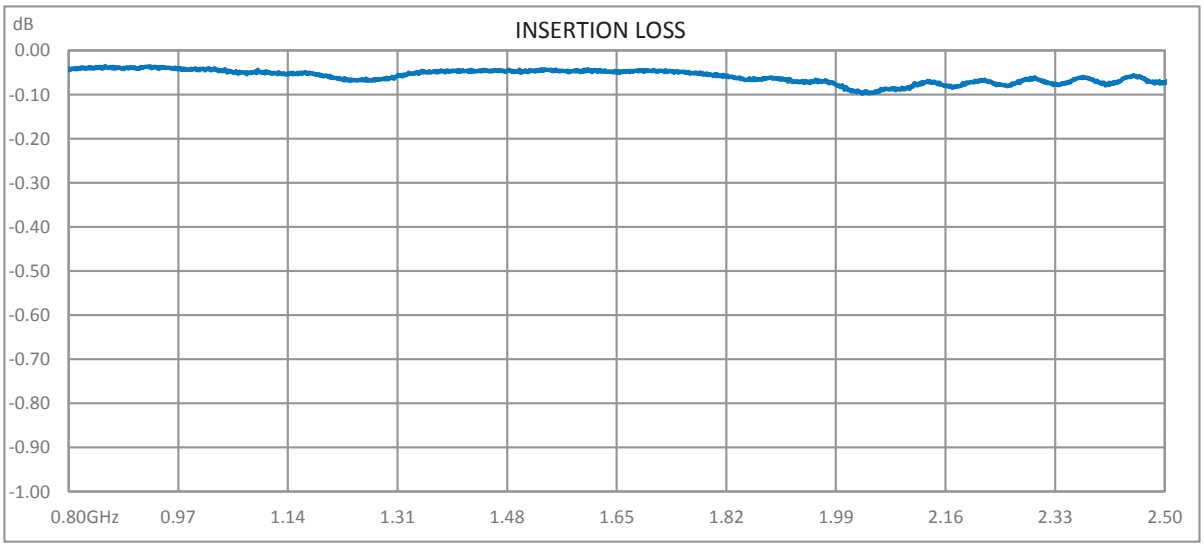

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service 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-25ghz-hybrid-das-hy-nfnf-02s

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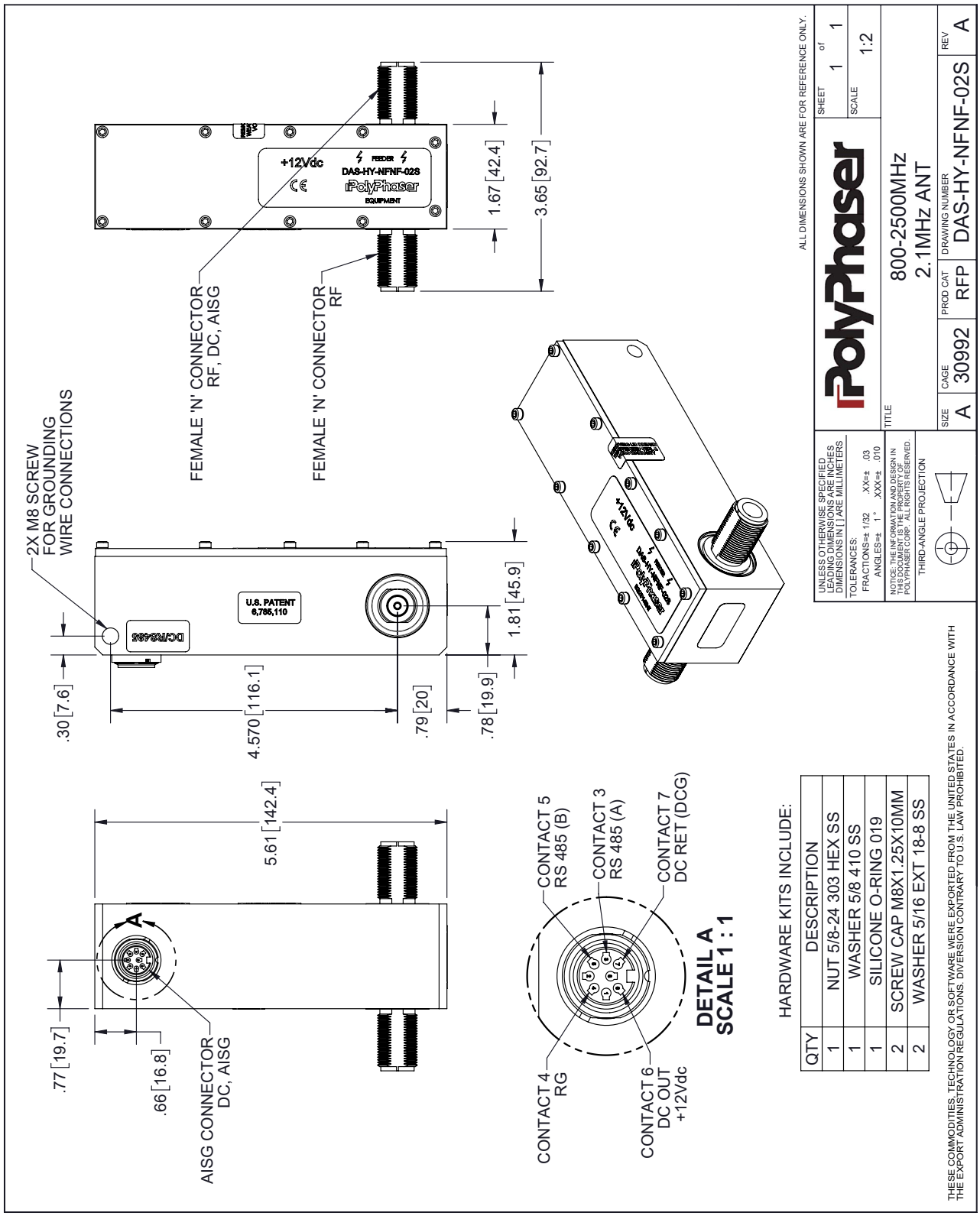
DAS-HY-NFNF-02S CAD Drawing



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