

Type N F/F In/Out Coax RF Surge Protector,
800MHz - 2.25GHz, DC Block, Low PIM, Quarter
Wave Stub, BiDirect, Low PIM -150 dBc



PE73SP1065

Features

- Broadband Performance from 800 to 2,250 MHz
- DC Block Topology
- Bi-directional, Repetitive Strike Protection
- Low PIM

Applications

- Distributed Antenna Systems (DAS)
- Emergency Response Systems
- Public Safety Systems
- Cellular

Description

RF surge protector (also known as lightning arrestor) PE73SP1065 from Pasternack Enterprise utilizing a quarter wave stub design 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. Pasternack Enterprise's RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type	Quarter Wave Stub DC Block			
Description	Minimum	Typical	Maximum	Units
Frequency Range	0.8		2.25	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.2	dB
Passive Intermodulation			-150	
Input Power, CW			500	Watts

Mechanical Specifications

Size	
Length	3.1 in [78.74 mm]
Width/Diameter	3.1 in [78.74 mm]
Height	1 in [25.4 mm]
Weight	0.6 lbs [272.16 g]
Housing Material and Plating	Brass, Tri-Metal

Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Temperature	
Operating Range	-40 to 85 deg C

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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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 In/Out Coax RF Surge Protector, 800MHz - 2.25GHz, DC Block, Low PIM, Quarter Wave Stub, BiDirect, Low PIM -150 dBc PE73SP1065](#)

URL: <https://www.pasternack.com/type-n-surge-protector-2.25ghz-quarter-wave-stub-pe73sp1065-p.aspx>

The information contained within 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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE73SP1065 CAD Drawing

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