



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

RF Surge Protectors Technical Data Sheet

PE73SP1066

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) PE73SP1066 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
DC Handling

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	dBc

Mechanical Specifications

Size

Length 3.21 in [81.53 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 Male
Output Connector N Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Type N M/F In/Out Coax RF Surge Protector, 800MHz - 2.25GHz, DC Block, Low PIM, Quarter Wave Stub, BiDirect, Low PIM -150 dBc PE73SP1066](#)



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

RF Surge Protectors Technical Data Sheet

PE73SP1066

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Type N M/F In/Out Coax RF Surge Protector, 800MHz - 2.25GHz, DC Block, Low PIM, Quarter Wave Stub, BiDirect, Low PIM -150 dBc from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Type N M/F In/Out Coax RF Surge Protector, 800MHz - 2.25GHz, DC Block, Low PIM, Quarter Wave Stub, BiDirect, Low PIM -150 dBc PE73SP1066](#)

URL: <https://www.pasternack.com/type-n-surge-protector-2.25ghz-quarter-wave-stub-pe73sp1066-p.aspx>

PE73SP1066 CAD Drawing

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

