

7/16 DIN M/F Quarter Wave RF Protector, 555 MHz to 4.5GHz, Low PIM



PE73SP1071

Features

- Extended Range Broadband Performance from 555 to 4,500 MHz
- DC Block Topology
- Repetitive Strike Protection
- Low PIM

Applications

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

Description

RF surge protector (also known as lightning arrestor) PE73SP1071 from Pasternack 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 RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type	Quarter Wave Stub			
Description	Minimum	Typical	Maximum	Units
Frequency Range	0.555		4.5	GHz
Impedance		50		Ohms
VSWR			1.18:1	
Insertion Loss			0.1	dB
Passive Intermodulation			160	
Input Power, CW			200	Watts
Surge Current			50	kA
IEC 61000-4-5 8/20μs				

Mechanical Specifications

Size	
Length	2.77 in [70.36 mm]
Width/Diameter	0.98 in [24.89 mm]
Height	1.47 in [37.34 mm]
Weight	0.05 lbs [22.68 g]
Housing Material and Plating	Brass, Tri-metal
Configuration	
Input Connector	7/16 DIN Male
Output Connector	7/16 DIN 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:

7/16 DIN M/F Quarter Wave RF Protector, 555 MHz to 4.5GHz, Low PIM 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: [7/16 DIN M/F Quarter Wave RF Protector, 555 MHz to 4.5GHz, Low PIM PE73SP1071](#)

URL: <https://www.pasternack.com/7-16-surge-protector-4.5ghz-quarter-wave-stub-pe73sp1071-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.

PE73SP1071 CAD Drawing

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