

Type N F/F In/Out Coax RF Surge Protector, DC
- 3GHz and 1GHz - 2GHz, DC Pass, 2kW, None,
30 V Max., 5kA, Gas Discharge Tube

RF Surge Protectors Technical Data Sheet

PE7301-2

Electrical Specifications

Surge Protector Type
DC Handling

Gas Discharge Tube
DC Pass

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.5	dB
Operating Voltage (DC)	20		30	Volts
Input Power, CW			2	kWatts
Surge Current			5	kA
Breakdown Voltage			150	Vdc
350V ±15% @<100V/S>1000@5kv/μsRise				

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2	2 to 3			GHz
VSWR, Typ	1.1:1	1.3:1				
Insertion Loss, Typ	0.1	0.2	0.5			

Mechanical Specifications

Size

Length	2.372 in [60.25 mm]
Width/Diameter	1 in [25.4 mm]
Height	2.625 in [66.68 mm]
Weight	0.28 lbs [127.01 g]

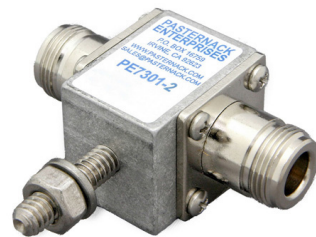
Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Ingress Protection (IP) Rating	None
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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, DC - 3GHz and 1GHz - 2GHz, DC Pass, 2kW, None, 30 V Max., 5kA, Gas Discharge Tube PE7301-2](#)



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

Plotted and Other Data

Notes:

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URL: <https://www.pasternack.com/n-female-coax-surge-protector-pe7301-2-p.aspx>

