

RF Surge Protector SPD, Type N Female to Cable Crimp,
DC - 6GHz, 60 V Max., 10kA, Gas Discharge Tube



GTH-NF-CC

Features

- Broadband Performance from DC to 6GHz
- Repetitive Lightning Strike Capability
- Bi-directional Protection
- Replaceable Gas Tube for Installation Longevity
- Robust Brass Construction

Applications

- Cellular
- Land Mobile Radio, VHF/UHF
- Wireless LAN
- Wireless Cable (MMDS)
- GPS

Description

RF surge protector (also known as lightning arrestor) GTH-NF-CC from PolyPhaser utilizing a gas discharge tube 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. PolyPhaser RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type	Gas Discharge Tube			
Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.7	dB
Operating Voltage (DC)			60	Volts
Surge Current			10	kA
Turn On Voltage		90		Volts

Mechanical Specifications

Size	
Length	2.7 in [68.58 mm]
Width/Diameter	0.9 in [22.86 mm]
Height	1.2 in [30.48 mm]
Weight	0.23 lbs [104.33 g]
Housing Material and Plating	Brass, Tri-Metal

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[RF Surge Protector SPD, Type N Female to Cable Crimp, DC - 6GHz, 60 V Max., 10kA, Gas Discharge Tube GTH-NF-CC](#)

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Configuration

Input Connector	N Female
Output Connector	Cable Crimp

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
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Compliance Certifications

RoHS

Plotted and Other Data

Notes:

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-6ghz-gas-discharge-tube-gth-nf-cc-p.aspx>

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GTH-NF-CC CAD Drawing

