

Coaxial RF Surge Protector Kit, 2x BGXZ-60NFNF-CNS with Hardware Kits

BGXZ-60NFNF-MKT



Features

- Kit of 2x BGXZ-60NFNF-CNS and 2x Hardware Kits
- Max Power 100W
- Frequency range from 40 to 400MHz
- N-type female connectors
- Waterproof IP67 rated
- DC Pass
- VSWR <1.1:1
- Low insertion loss
- CE & RoHS compliant

Applications

- GPS systems
- Active antenna systems

Description

RF surge protector (also known as lightning arrestor or surge arrestor) BGXZ-60NFNF-MKT from PolyPhaser, utilizes a patented hybrid protection technology integrating a silicon avalanche suppression diode (SASD), a Metal Oxide Varistor (MOV) and a gas tube (GT or GDT). This RF surge protector component is manufactured in a coaxial design with wide operating frequency range. All PolyPhaser RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type DC Handling		Hybrid DC Pass		
Description	Minimum	Typical	Maximum	Units
Frequency Range	40		400	MHz
Impedance		50		Ohms
VSWR			1.1:1	
Insertion Loss			0.25	dB
Operating Voltage (DC)			60	Volts
Input Power, CW			100	Watts
Surge Current IEC 61000-4-5 8/20µs Waveform			20	kA
Turn On Voltage		66		Volts

Mechanical Specifications

Size	
Length	3.65 in [92.71 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Coaxial RF Surge Protector Kit, 2x BGXZ-60NFNF-CNS with Hardware Kits BGXZ-60NFNF-MKT](#)

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Width/Diameter	3.01 in [76.45 mm]
Height	1.5 in [38.1 mm]
Weight	1.54623 lbs [701.36 g]

Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Temperature

Operating Range	-50 to +85 deg C
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Compliance Certifications

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-400mhz-hybrid-bgxz-60nfnf-mkt-p.aspx>

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

BGXZ-60NFNF-MKT CAD Drawing

REV. A

DESCRIPTION

DATE 1/4/21

APPROVED DWR

INITIAL RELEASE

1

2X

1

4

3

2

5

6

7

6

NOT SHOWN

8

1

1200-363

RoHS DISCLOSURE DOCUMENT

7

1

7020-4063

LABEL PACKAGING

6

1

7020-3584

LABEL BARCODE 4 x 3

5

1

7070-0004

BOX CRDBD 8x6x6

4

REF

7090-0027

PAPER ROLL PAD PAK 1PLY

3

1

9100-0071

HARDWARE KIT 10-32 STUD

2

1

9100-0454

HARDWARE KIT POLE MNT

1

2

9090-2094

ASSY BGXZ-60NFNF-CNS PKGD

ITEM QTY PART# DESCRIPTION

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE IN INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = +.2 [5.08]

XX = +.02 [.51]

XXX = +.005 [.13]

FRACTIONS

+ 1/32

ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

12 [305] < L ≤ 60 [1524] = +1 [25] / -0

60 [1524] < L ≤ 120 [3048] = +2 [51] / -0

120 [3048] < L ≤ 300 [7620] = +6 [152] / -0

300 [7620] < L = +5% L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE 1:6

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SIZE A

CAGE CODE 30992

DRAWN BY DPM

PART NUMBER BGXZ-60NFNF-MKT

REV A

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