PolyPhaser
an INFINITE brand

Coaxial RFCoaxial 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
- Frequncy 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 — Hybrid
DC Handling — 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

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

BGXZ-60NFNF-MKT

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

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

BGXZ-60NFNF-MKT CAD Drawing

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/4/21	DWR

KIT INCLUDES

ITEM	QTY	PART#	DESCRIPTION
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

NOT SHOWN

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

TOLERANCES:
X = ± .2 [5.08] FRACTIONS
XX = ± .02 [.51] ± 1/32
XXX = ± .005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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SIZE	CAGE CODE	DRAWN BY	PART NUMBER	
A	30992	DPM	BGXZ-60NFNF-MKT	

SCALE 1:6

REV A

SHEET 1 OF 1

THIRD-ANGLE PROJECTION

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T-Rev.D