



Part Number: SP-BNCPJ Series

Gem Electronics
920-A River Street - Windsor CT. 06095
Toll Free: 888-436-4195 - Fax: 860-683-0396

~Introduction~

Thank you for buying this GEM product.

The series of **video surge protectors** help prevent damage to sensitive electronic equipment due to differences in ground potential, power surges and area lightning strikes. Easily installed between the coax video cable and equipment connection jack, our surge protectors intercept repeated surges and ground them along a twisted conductive wire without any loss of signal quality. These products offer a combined surge handling capacity of 3,000 volts.

~Installation~

[Step 1] Remove the original BNC male connector from camera and device.

[Step 2] Connect the BNC male connector of the SP-BNCPJ to camera and device.

[Step 3] Connect the original BNC male connector to the BNC Female of the SP-BNCPJ.

[Step 4] Adjust the monitor to be suitable visions.

~Important Notice for Installation~

Please make sure the ground wire been connected to the ground.

~Trouble Shooting~

[No Picture]

Check connectors to make sure they are all contacted well.

~Specifications~

Connectors	SP-BNCPJ - BNC Connector Male to Female SP-BNCJJ - BNC Connector Female to Female SP-FPJ - F Connector Male to Female SP-FJJ - F Connector Female to Female SP-RJ45JJ - RJ45 Connector Female to Female
DC Spark-Over Voltage	90V typ. at 100V/sec.
Impulse Spark-Over Voltage	700V at 1KV/usec.
Surge Resistance	10 ohms typical
Impulse Discharge Current	10KA at 8*20 usec. (Short Wave) 100A at 10*1000 usec. (Long Wave)
Insertion Loss	Less than 0.2 dB
Return Loss (75 ohms)	18dB
Material	ABS Black
Dimensions W x D x H	78.6X29.4X24.4mm for F & BNC connector 51.2X29.4X24.4mm for RJ45 connector

~Limited Lifetime Warranty~

Gem Electronics warrants that this product is to be free from defect in materials and workmanship, for the life of the product. The warranty given by Gem is in lieu of any other warranties, express or implied. This warranty does not apply to units abused through misuse or subjected to improper and/or excessive voltage, beyond our control. Gem assumes no responsibility for damages or penalties incurred resulting from the use of this product. Gem's liability under any warranties shall be discharged by replacing or repairing, at our option, the defective product. Gem's liability for any product shall not exceed a refund of the purchase price. The warranty listed here is intended only as a summary of your full and complete warranty. For a full and complete warranty of this product contact Gem Electronics.