



Features

Lightning protector model LAXO-SRG is a gas discharge tube suppressor featuring wide-band operation up to 3 GHz. The unit features a N male (Plug) to N Female (Jack) connector.

Due to its low-cost and superior RF performance this unit is ideal for IEEE 802.11b/g Wireless LAN applications as well as ISM, MMDS, Cellular and PCS applications. Since this protector will pass DC it is suitable for applications where CD is carried through the coax cable such as remote amplifiers and LNA's.

The unit's replaceable gas tube element, multi-strike capability and fast response time make it suitable for a wide range of applications. A ground lug and terminal is provided directly on the lightning protector housing which provides superior grounding.

Electrical Specifications

Frequency Range	0 -3 GHz
VSRW	Less than 1.5
Insertion Loss	0.2dB
Transmission Loss	-2.5dB
AC Current Rang	20A (at voltage release = 1S, testing period=5S, testing duration = 3 min, per test)
Pulse Current Range	200A (at 10/100 micro Second, wave=300, testing duration=3min, per test)
Impedance	50 Ohm
DC breakdown voltage	230+-20% (voltage on upgrade ratio @ 100V/S)
Impulse breakdown voltage	< 600V (voltage on upgrade ratio @ 100V/S)
Gas Tube Insulation Resistance	10,000 MΩ
Overvoltage protection	> 150V (100mA, <150ms)
Gap Can	< 1.5P

Mechanical Specifications

Connectors	N-Female to N-Male
Connector Body Material	Nickel Plated Brass
Body Material	Anodized Aluminum
Pin Material	Gold Plated Brass
Dimensions (Max.)	75 x 50 x 20 mm
Weight	107g