

## 001-85L01-GS90

**Lightning Protector, N Male to Female, Gas Discharge Tube, DC-3GHz, 50ohm, 90V**

001-85L01-GS90 is a special broadband DC channel design suitable for lightning protection applications that require DC power supply to electronic devices. 001-85L01-GS90 has excellent surge performance and is the perfect protection solution for distributed antenna systems, tower amplifiers, GPS systems, and other applications that require direct current to pass through circuits. Its all-weather enclosure that meets the IP67 standard can be used for outdoor and indoor installations. The N-connector design covers the entire spectrum from DC to 3000MHz. Can be used for class 1 system.



### Features:

- DC Pass Multi-Strike Design
- Replaceable Gas Tube
- Broadband Bidirectional Design

### Applications:

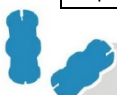
- Distributed antenna systems
- Tower amplifiers
- GPS systems

### Electrical Specifications:

Item	
Frequency	3GHz
Impedance	50Ω
VSWR	1.25
Insertion Loss	0.3dB
Average Power	150w
Rated current	5A
Maximum continuous voltage	90V
Maximum surge current	2.5kA (10/350 μs)
	5kA (8/20 μs multiple)
	10kA (8/0 μs single)
Class SPD	Type 1

### Mechanical Specifications:

Item	Specification
Body	Brass, Nickel plating
Inner contact	Bronze, Gold plating
Insulator	PTFE
Weight	130g
Waterproof degree	IP67
Test reference standard	IEC 62305/GB50057 2010
Operating Temperature	-40-85°C



# Lightning Protector Gas Discharge Tube



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Mechanical Outline:

