

0-1Ghz Coax Protector KLF-N7



KLF-N7 is a gas discharge tube coaxial lightning protectors featuring wide-band operation up to 1 GHz.

KLF-N7 has N type Bulkhead connectors and a rubber "O"-ring seal which allows mounting through an enclosure wall or with an included aluminum mounting bracket.

KLF-N7 has an easily replaceable gas tube element for multi-strike capability. Fast response time make it suitable for a wide range of applications. A ground lug and terminal are supplied directly on the lightning protector housing.

Gas Discharge Tube technology allows for DC pass DC, therefore it is suitable for applications where DC is carried through the coax cable, such as remote amplifiers and LNAs..



FEATURES

- Easily Replaced Gas Tube Element
- Bi-Directional Protection
- DC Pass
- Multi-Strike Capability
- Reliable Performance from DC ~ 1 GHz
- Bulkhead Mount
- IP 67 Rating
- O-Ring Seal
- Included Aluminum Flange Mount
- Ground Lug (10 AWG)

Model	Connectors
KLF-N7-FF	N Female Both Ends
KLF-N7-MM	N Male Both Ends
KLF-N7-FM	N Female Antena, N Male Equipment
KLF-N7-MF	N Male Antena, N Female Equipment

Electrical Specifications

Frequency Range	DC – 1 Ghz (0-1000 Mhz)
VSWR	< 1.1:1
DC Voltage	90 V
Insertion Loss	< 0.1 dB
Return Loss	< -26 dB
Impedance	50 ohms
Through Put Energy	<200 uJ
Maximum Power (DC-1 GHz)	375 watts
Max Surge Voltage Let Through	<200 mV
Max Current Load	10 A
Nominal Discharge Current (kAMP)	5 kAMP
Max Discharge Current (kAMP)	20 kAMP
Impulse Current (kAMP)	2.5 kAMP
Operating Temp(degrees C)	-40 to +85 °C

Mechanical Specifications

Length	56.5 mm
Width	40 mm
Weigth	110 gr
Connector	N type
O Ring	Silicone Rubber
Ingress Protection	IP67
Mounting Flange	Aluminum
Body	Nickel plated brass
Inner Pin	Gold plated brass
Compliance	RoHS, CE, FCC