

ANTENNA SURGE PROTECTOR

Product Description



It is mainly applied to the lightning protection of coaxial antenna and wireless system equipment, over voltage protection, such as satellite transmission, the receiving system, cable TV transmission system, electronic monitoring systems and so on. It is used to lightning protection zone of LPZ1 area at the junction with the LPZ2.

- ◆ Large rated discharge current and fast response time.
- ◆ Over-current, over voltage and clamp triple protection design.
- ◆ Small standing wave and low insertion loss.
- ◆ Adopt standard connectors, with advantage of small size, light weight, easy installation and simple maintenance.
- ◆ The product apply to the lightning surge protection of trunk amplifier of the CATV signal line.

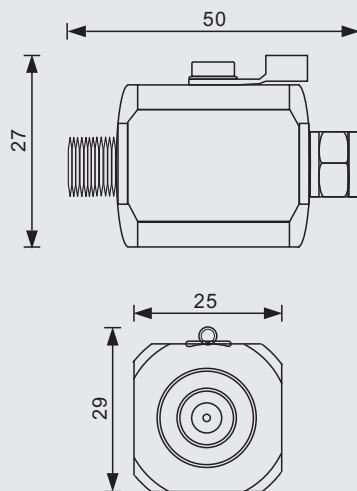
Technology Parameters

Model	KLF-X-FL10
Working Voltage	90V
Operating frequency	0~2.5GHz
Nominal Discharge Current (8/20 μ s) (In)	5KA
Max. Discharge Current (8/20 μ s) (Imax.)	10KA
Voltage Protection Level(Up)	\leq 600V
Standing-wave ratio(SWR)	\leq 1.2
Transmission power	200W
Insertion Loss	$<$ 0.2dB
Working Environment	Temperature -40°C~+80°C; Relative humidity<95%
Characteristic impedance	75 Ω
Interface Model	F head
Dimension(L×W×H)	50×27×25mm
Weight	0.10kg

Product Installation

1. The SPD is in series installed between antenna channel and the device protected, the output terminal is connected with the device protected.
2. The ground wire of SPD should be reliability connected with the ground wire of lightning protection system.
3. Grounding of lightning protection should comply with the lightning protection standard; grounding wire should be as thick and short as possible, ground resistance should be less than 4 Ω .
4. When system deteriorate, you should check the SPD after departing, if SPD destroyed, you should replace it.

Dimension Picture



Unit: mm

Installation Diagram

