

**SPD For Antenna Feeder****Part No. LDY-TK Series****Main Features**

- ☆ High current capacity, low residual voltage.
- ☆ Wide frequency bandwidth, small standing wave ratio, low insertion loss.
- ☆ Various conductor available, strong adaptation ability.
- ☆ Standard interface, convenient for installation and replacement.
- ☆ Anti-riot design, safe and reliable.

**Application Range**

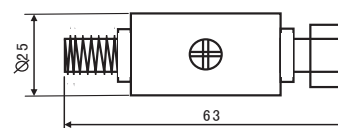
LDY-TK series SPD are applied to antenna feeder equipment and transceiver system, such as mobile communication base station, wireless local telephone, the third generation mobile communication TD-SCDMA, GPRS global locator, MMDS microwave spectrum communications, satellite and microwave communication station and so on, which can prevent the above mentioned electronic system device from damage arising from surge radio wave impulse. (option from ICE61643-21)

**Main Technical Data**

Part No.	LDY-TK
No.	811 001
frequency range	0-2.5GHz
Rated working voltage Ue V	12V
Max continuous working voltage Uc V	18V
Voltage protection level Up V	<200V
Nominal discharge current In(8/20)	10kA
Insertion loss	≤0.5dB
Connection mode	Connect in series
Enclosure material	Copper
Response time ns	<100ns
Interface type	F, N, BNC, SMA, TNC, etc.
Standing wave ratio	≤1.2

**Direction For Use**

1. The protector connected in series between signal channel and the protected device, in order to avoid lightning, the antenna feeder lightning protection device should be connected in series at the output terminal of antenna and input terminal of protected device respectively.
2. Connect the earthing wire of the protector to the equalizing ring of the lightning protection system, length of earth line should be less than 0.5m.
3. The surge protector is needless for special maintenance, when it is suspicious of the protector fault in system operation, please dismantle the spd module and then check. If the system recovers normality, spd has been broken down and needs replacement, During replacing spd module, circuit will not be cut off and can be work normal.

**1****2**

Example: F interface

**3**