

LDY-TK

Application range

LDY-TK are applicable 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. which can prevent the above-mentioned electronic system device from damage arising from lightning radio wave impulse.

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

Main technical data

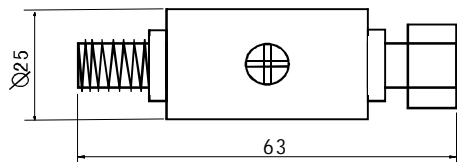
Type	LDY-TK/1	LDY-TK/2	LDY-TK/3
Part No.	088601	088602	088603
Frequency range	0-2.5GHz	0-6GHz	6-9GHz
Rated working voltage Un V	12V		
Max. continuous Voltage Uc V	60V		
Voltage protection level Up V	<200V		
Normal discharge current In (8/20 μs) kA	10		
Insertion loss	≤0.2dB		
Connection mode	series connection		
Enclosure material	copper		
Response time	<100ns		
Interface type	produce various interface as requested		
Standing wave ratio	≤1.2		

Installation instruction

1. The protector connected in serial between the 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, the earthing wire length should be less than 0.5m
4. Free special maintenance, when fault occurs in the system, dismantle the protector and then if the system resume normal, it is that the protector was broken, and need to be replaced.



Appearance and installation dimension



Schematic circuit diagram

