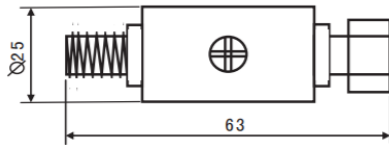


LP-TK

Measuring Principle

Lightning Protector Unit model LP-TK series are applied to antenna feeder equipment and transceiver system. It can prevent electronic system device from damage arising from surge radio wave impulse.



Feature

- Large flow rate and low residual voltage
- Frequency bandwidth, small VSWR, low insertion loss
- Optional with a variety of connectors, strong adaptability
- Standard interface, easy to install and replace
- Anti-riot design, safe and reliable

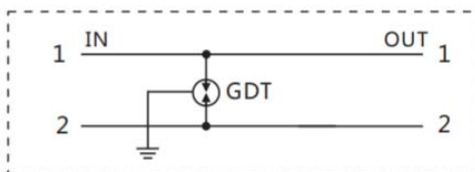
Application

- Mobile communication base station
- Wireless local telephone
- Third generation mobile communication TD-SCDMA
- GPRS global positioning instrument
- MMDS microwave spread spectrum communication
- Satellite and microwave communication transceiver station

Main Technical Data

Model	LP-TK
Frequency range	0 ~ 2.
Rated operating voltage U_e	12V
Max. continuous operating voltage U_c	18V
Nominal discharge current (I_n @8/20 μ s)	10kA
Voltage protection level	<1kV
Impulse current limp (10/350)	2.5kA
Transmission rate f_g	40MHz
Connection method	Tandem
Insertion loss	≤ 0.5 dB
Response time T_a	≤ 100 ns
Standing wave ratio	≤ 1.2
Normal operating temperature	-40°C ~ 70°C

Wiring Diagram



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