

COAXIAL SURGE PROTECTOR

Model: TX2500L

Thank you for choosing Coax.Surge Protector TX2500L.This model is designed to for antenna coaxial device and receive/transmit system not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

FEATURES:

- Gas-tube Structure
- Easily Replaced Gas Tube Element
- Reliable Performance from DC to 2.5 GHz
- Multi-Strike Capability
- Bi-Directional Protection
- DC passed
- RoHS Compliant



TECHNICAL PARAMETER:

Model	
TX2500L	
Working frequency	0-2.5GHz
Max. continuous operating voltage Uc	70V
Max. discharge current I _{max}	20kA
Limiting voltage(8/20μs)	200V
Insertion loss	0.2dB
VSWR	1.2
Impedance	50ohm
Connector type	N- F/M
Mechanical characteristics	
Dimension	74(H)×25(W)×29(L)mm
Weight per unit	130g
IP protection level	IP20 (IP67 with buckle head)
Working conditions	Temperature: -40 to 80 °C , Relative humidity: ≤95%
Standards Compliance	IEC61643-21

INSTALLATION AND MAINTENANCE

- To achieve reliable protection, installation of one protector on both the output terminal of antenna and input terminal of the equipment is recommended, although solely the latter may apply in area where lightning is infrequent, or the antenna does not have an amplifier.
- The protector should be connected to the shortest earthing wire possible, with its cross-section area no less than 4mm². Its other terminal should connect to the earthing bus-bar of the lightning protection system.
- Only waterproof models shall apply outdoor, if not, reliable protection from water is required.
- No special duty needs to be carried out for maintenance. When problem arises and the SPD is suspected, check the system with SPD taken out of circuit. Should system recover, the SPD shall be regarded as a damaged unit and must be replaced immediately.