

KERLINK reference : ACCIOT-RSP01

Quarter-wave RF Surge protection - Lora

The quarter-wave RF Surge protection is designed to protect the Lora link from lightning that may come the coaxial cable. This product is enclosed in a metal weatherproof enclosure, meeting IP65.

It has 2x connectors N (male-female)

It is bi-directional and can support max 50kA discharge current.



Specifications

Technology	Quarter wave
Connection to Network	Connector N Male/ N Female
Mounting	Feedthrough
Housing material	Brass/Surface plating Cu Zn Sn
Operating temperature	-40°C to +85°C
Protection rating	IP65
Outdoor application	Yes
Failsafe behavior	Short-circuit
Contacts	Bronze/Surface Au-Ag
Insulation material	PTFE
Max discharge current	50 kA
Max withstand @ 8/20 µs by pole (Imax)	
Max. line current (IL)	10A
Protection level (Up)	< 30 V
Impulse current	25 kA
2 x 10/350µs Test - D1 Category (Iimp)	
Nominal discharge current	25 kA
8/20µs Test x 10 - C2 Category (In)	
Frequency range	800-2200MHz
Impedance	50 ohms
Insertion loss	< 0.2dB
Max Power	1500 W
Return loss	> 20 dB
VSWR	<1.2:1
DC Pass	No
Certifications	IEC 61643-21 / EN 61643-21 UL497C / UL497E

Manufacturer name: CITEL
 Manufacturer reference: PRC822S-N/MF
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- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.