KERLINK reference : KLK02819 (former ACCIOT-RSP00)

RF coaxial Surge Protection for GNSS, LTE antenna links

This surge protector is designed to protect sensitive data-processing equipment connected to the antenna links (GNSS, LTE).

It is based on gas discharge tube (GDT) and designed for bi-directional protection on coaxial cable/ Connectors are N Female / Female.

Specifications

Residual Current *Leakage current to Ground*	Ipe	none
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Max. load current	IL	10A
Protection mode(s)		MC
Protection level *@ In (8/20µs)*	Up	< 700 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	1 kA
Nominal discharge current *8/20µs Test x 10 - C2 Category*	In	5 kA
Max. frequency	f	DC-3.5GHz
Impedance		50Ω
Insertion loss		< 0.2 dB
Max Power		25W
Return loss		> 20 dB
VSWR		<1.2:1
Insulation resistance		≥10 GΩ
bandwith limit (low)	kHz	DC
bandwith limit (high)		5000000 kHz
DC Pass		Yes
Connection Method		Series (bi-directional)
Connection to Network		connector N Female/Female
Mounting		Feedthrough
Housing material		Brass/Surface plating : Cu Zn Sn
Operating temperature		-40/+85°C
Protection rating		IP66
Spare module		BBHF-90V
Standards compliance		IEC 61643-21 / EN 61643-21 UL497C / UL497E

Manufacturer name: Citel
Manufacturer reference: P8AX09-N/MF
Document Version: 1.1
Updated: May the 4th 2020