



# CITEL



## Coaxial surge protector low frequency

### CXP09-F/FF

- Coaxial surge protector low frequency
- I<sub>max</sub> : 20 kA
- Up to 1 GHz
- Connector N



Electrical Characteristics		
Network		Coaxial DC-1000 MHz
Nominal line voltage	U <sub>n</sub>	< 50 V
Max. DC operating voltage	U <sub>c</sub>	< 60 Vdc
Max. frequency	f max.	DC-1 GHz
Insertion loss		< 0.6 dB
Return loss		> 16 dB
Impedance		75 ohms
VSWR		< 1.35:1
Max. load current @25°C	I <sub>L</sub>	0.5 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal discharge current <i>C2 Category</i>	I <sub>n</sub>	5 kA
Protection mode(s)		Common mode
Protection level <i>@ I<sub>n</sub> (8/20μs)</i>	U <sub>p</sub>	< 600 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	2.5 kA
Max Power		25 W
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector F Female/Female
Format		Metallic box
Mounting		On plate
Housing material		Brass
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497E
Part number		
<b>631651</b>		

