



## CXP25-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	Un	< 100 V
Max. DC operating voltage	Uc	< 150 V
Operating current <i>Continuous current at Uc</i>	Ic	none
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Max. load current	IL	0.5 A
Protection mode(s)		MC
Protection level <i>@ In (8/20 μs)</i>	Up	< 800 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I <sub>imp</sub>	2.5 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	In	5 kA
Max. frequency	f	DC-1 GHz
Impedance		75 ohms
Insertion loss		< 0.6 dB
Max Power		190 W
Return loss		> 16 dB
VSWR		< 1.35:1
Insulation resistance		≥10 GOhms
Maximum Follow current <i>If</i>	A	None
bandwith limit <i>low</i>	kHz	dc
bandwith limit <i>high</i>	kHz	1000000
Impedance	Ω	50/75
Insertion loss <i>Maximum</i>	db	<0.5
Return Loss <i>Minimum</i>	db	>20
VSWR <i>Maximum</i>	:1	<1.3:1
Nominal Discharge Current <i>In (8/20 μs x 10)</i>	kA	5



Electrical Characteristics		
Nominal Discharge Current <i>In (8/20µs x 10)</i>	kA	5
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DC Pass		No
Connection Method		Series (bi-directional)
End of life		Short-circuit
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector F Female/Female
Format		Metallic box
Mounting		on plate
Housing material		Brass
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit
Disconnection indicator		transmission interrupt
Technology		DIODE+GDT
Norms		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
Code article		631757