



# CXP25-N/FF-DCB

# CITEL



- Low Frequency Coaxial Surge Protector • High Energy GDT Technology • Bi-Directional Protection • IP20 or IP65 Classification • RoHS 6 Compliant • Waterproof Design • Bi-directional

Electrical Characteristics		
Network		Coaxial 125-1000 MHz
Nominal line voltage	Un	< 100 V
Max. DC operating voltage	Uc	< 150 Vdc
Max. frequency	f max.	125-1000 MHz
Insertion loss		< 1 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<2.2:1
Max. load current @25°C	IL	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
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	2.5 kA
Max Power		190 W
DC Pass		No
Insulation resistance	IR	≥10 GOhms
RF Power <i>Maximum</i>	W	190.0000
Return Loss <i>Minimum</i>	db	20
VSWR <i>Maximum</i>	:1	<1.3:1
Max Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Max Total Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I<sub>max</sub> (8/20μs x 1)</i>	kA	20.0000
Let through Voltage <i>at I<sub>n</sub></i>	V	600.0000
Installation		
Operating Temperature <sub>Min</sub>	°C	-40.0000
Operating Temperature <sub>Max</sub>	°C	85.0000
Operating Temperature <sub>Min</sub>	°F	-40.0000
Operating Temperature <sub>Max</sub>	°F	85.0000
Operating Relative Humidity <sub>Max</sub>	%RH	95
Operating Altitude <sub>Min</sub>	Ft	2000.0000
Operating Altitude <sub>Max</sub>	Ft	6500.0000
Housing/Enclosure material		BRASS
Mounting		Surface mount
IP Environmental rating/IP		IP20
Installation Location		Indoor / outdoor
Accessories		90° Stainless steel bracket
Product Dimension <sub>L</sub>	mm	93.9000
Product Dimension <sub>W</sub>	mm	30.8000
Product Dimension <sub>L</sub>	In	3.6900
Product Dimension <sub>W</sub>	In	1.2100
Miscellaneous		
Individual Pack		No
Storage Temperature <sub>Min</sub>	°C	-40.0000
Storage Temperature <sub>Max</sub>	°C	85.0000
Storage Temperature <sub>Min</sub>	°F	-40.0000
Storage Temperature <sub>Max</sub>	°F	85.0000
Storage Relative Humidity <sub>Max</sub>	%RH	95.0000



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Installation		
Cable type		Coax
Mechanical Characteristics		
Technology		GDT+Filter
DC Block		Yes
Connection to Network		Connector N Female/Female
Format		Metallic box
Operating temperature	Tu	-40/+85°C
Protection rating		IP55
Failsafe mode		Short-circuit
Part number		
<b>631752</b>		

