



CXP25-N/MF-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 max. withstand @ 8/20 µs by pole	Imax	20 kA
Nominal discharge current C2 Category	In	5 kA
Protection mode(s)		Common mode
Impulse current 2 x 10/350µs Test - D1 Category	limp	2.5 kA
Max Power		190 W
DC Pass		No
Insulation resistance	IR	≥10 GOhms
RF Power Maximum	W	190.0000
Return Loss Minimum	db	20
VSWR Maximum	:1	<1.3:1
Max Discharge Current Imax (8/20µs x 1)	kA	20.0000
Max Total Discharge Current Imax (8/20µs x 1)	kA	20.0000
Max Discharge Current Imax (8/20µs x 1)	kA	20.0000
Max Discharge Current Imax (8/20µs x 1)	kA	20.0000
Max Discharge Current Imax (8/20µs x 1)	kA	20.0000
Max Discharge Current Imax (8/20µs x 1)	kA	20.0000
Let through Voltage at In	V	600.0000
Installation		
Operating TemperatureMin	°C	-40.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-40.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	95
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	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 DimensionL	mm	93.9000
Product DimensionW	mm	30.8000
Product DimensionL	In	3.6900
Product DimensionW	In	1.2100
Miscellaneous		
Individual Pack		No
Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Storage Relative HumidityMax	%RH	95.0000



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Installation		
Cable type		Coax
Mechanical Characteristics		
Technology		GDT+Filter
DC Block		Yes
Connection to Network		Connector N Male/Female
Format		Metallic box
Mounting		On plate
Operating temperature	Tu	-40/+85°C
Protection rating		IP55
Failsafe mode		Short-circuit
Part number		
631753		

