CXP09-N/FF-DCB

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

Electrical Characteristics		
Network		Coaxial 125-1000 MHz
Nominal line voltage	Un	< 50 V
Max. DC operating voltage	Uc	< 60 Vdc
Max. frequency	f max.	125-1000 MHz
Insertion loss		< 1 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
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*	Iimp	2.5 kA
Max RF Power		25 W
DC Pass		No
Insulation resistance	IR	≥10 GOhms
RF Power *Maximum*	W	25.0000
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
Let through Voltage *at In*	V	600.0000
Installation		
Operating Temperature*Min*	°C	-40.0000
Operating Temperature*Max*	°C	85.0000
Operating Temperature*Min*	°F	-40.0000
Operating Temperature*Max*	°F	85.0000
Operating Relative Humidity*Max*	%RH	95
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	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*L*	mm	82.4000
Product Dimension*W*	mm	30.8000
Product Dimension*L*	In	3.2400
Product Dimension*W*	In	1.1900
Miscelaneous		
Individual Pack		No
Storage Temperature*Min*	°C	-40.0000
Storage Temperature*Max*	°C	85.0000
Storage Temperature*Min*	°F	-40.0000
Storage Temperature*Max*	°F	85.0000
Storage Relative Humidity*Max*	%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
Mounting		On plate
Operating temperature	Tu	-40/+85°C
Protection rating		IP55
Failsafe mode		Short-circuit
Part number		
631652		