

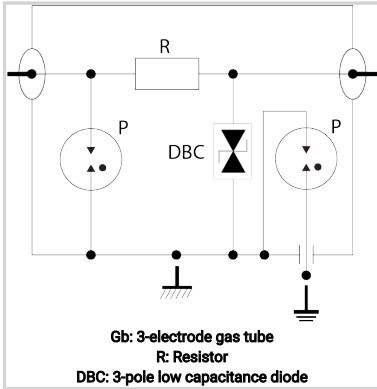


CITEL



CNP06 F/MF

- Coaxial surge protector
- I_{max} : 20 kA
- Up to 1 GHz
- Connectors : BNC, F, TNC, TV(SE) EJ167



Electrical Characteristics

Network		coaxial DC-100 MHz
Nominal line voltage	Un	5 V
Max. DC operating voltage	Uc	10 Vdc
Max. frequency	f max.	DC-100 MHz
Insertion loss		≤ 0.5 dB
Return loss		≥ 20 dB
Impedance		50/75 ohms
VSWR		< 1.3:1
Max. load current @25°C	IL	0.5 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA
Nominal discharge current <i>C2 Category</i>	I _n	5 kA
Protection mode(s)		Common mode
Protection level L/N <i>@ I_n (8/20μs)</i>	Up L/N	20 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I _{imp}	2.5 kA
Max Power		4 W
DC Pass		No
Return Loss <i>Minimum</i>	db	20
VSWR <i>Maximum</i>	:1	<1.2:1
Max Discharge Current <i>I_{max} (8/20μs x 1)</i>	kA	20.0000
Max Total Discharge Current <i>I_{max} (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I_{max} (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I_{max} (8/20μs x 1)</i>	kA	20.0000
Max Discharge Current <i>I_{max} (8/20μs x 1)</i>	kA	20.0000

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		Metal + Plastic
Mounting		Surface mount
IP Environmental rating/IP		IP20
Installation Location		outdoor
Accessories		90° Stainless steel bracket
Product Dimension _L	mm	61.0000
Product Dimension _H	mm	24.0000
Product Dimension _W	mm	48.0000
Product Dimension _L	In	2.4000
Product Dimension _H	In	0.9400
Product Dimension _W	In	1.8800

Miscellaneous

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

Installation



CITEL

CNP06 F/MF

Cable type	Coax	
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		Connector F Male/Female
Format		Insulating box
Mounting		On plate
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Part number		
632601		

