

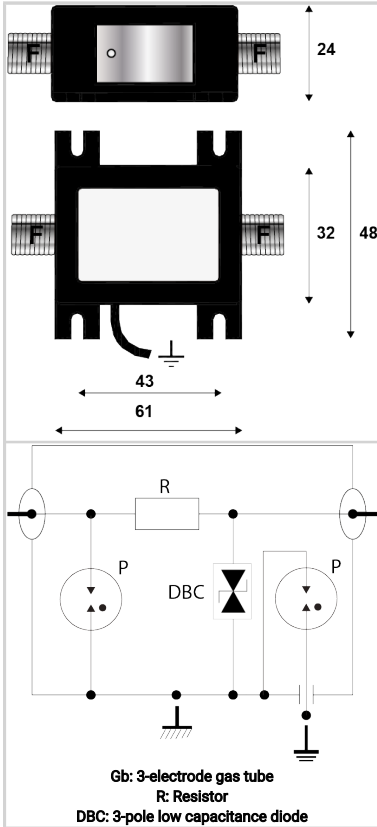


# CITEL



## CNP06 F/FF

- Coaxial surge protector
- I<sub>max</sub> : 20 kA
- Up to 1 GHz
- Connectors : BNC, F, TNC, TV(SE) EJ167



### Electrical Characteristics

Network		coaxial DC-100 MHz
Nominal line voltage	U <sub>n</sub>	5 V
Max. DC operating voltage	U <sub>c</sub>	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	I <sub>L</sub>	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
Protection level L/N <i>@ I<sub>n</sub> (8/20μs)</i>	U <sub>p</sub> L/N	20 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	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<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

### 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		Metal + Plastic
Mounting		Surface mount
IP Environmental rating/IP		IP20
Installation Location		outdoor
Accessories		90° Stainless steel bracket
Product Dimension <sub>L</sub>	mm	61.0000
Product Dimension <sub>H</sub>	mm	24.0000
Product Dimension <sub>W</sub>	mm	48.0000
Product Dimension <sub>L</sub>	In	2.4000
Product Dimension <sub>H</sub>	In	0.9400
Product Dimension <sub>W</sub>	In	1.8800

### 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

### Installation



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## CNP06 F/FF

Cable type	Coax	
<b>Mechanical Characteristics</b>		
Technology		GDT+TVS diode
Connection to Network		Connector F Female/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
<b>Part number</b>		
<b>632602</b>		

