



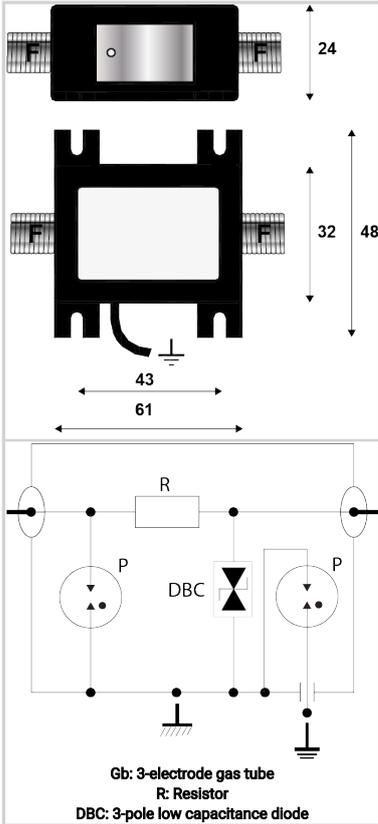
CITEL

Coaxial surge protector for video transmission networks

CNP06 F/FF



- Coaxial surge protector
- Multiples connectors
- Low insertion loss
- Easy installation



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>	Imax 20 kA
Nominal discharge current <i>C2 Category</i>	In 5 kA
Protection mode(s)	Common mode
Protection level <i>@ In (8/20 μs)</i>	Up L/L 20 V
Protection level L/N <i>@ In (8/20 μs)</i>	Up L/N 20 V
Protection level L/PE <i>@ In (8/20 μs)</i>	Up L/PE 20 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	limp 2.5 kA
Max Power	4 W
DC Pass	No
Mechanical Characteristics	
Technology	GDT+TVS diode
Connection to Network	Connector F Female/Female
Format	Insulating box
Mounting	On plate
Housing material	Metal+plastic
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit - transmission cut-off - fault mode 2
Disconnection indicator	Transmission interrupt
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497E
Part number	632602

