



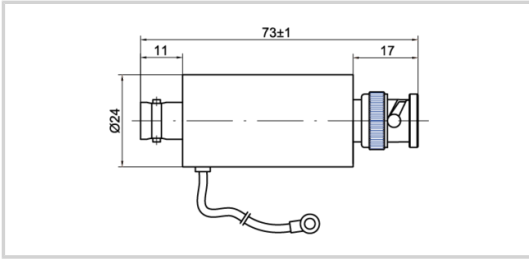
# CITEL

## Coaxial surge protector for video transmission networks

### CXC06-B/FM



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



Electrical Characteristics		
Network		coaxial DC-70 MHz
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	DC-70 MHz
Insertion loss		≤0.6 dB
Return loss		≥20 dB
Impedance		50 ohms
VSWR		< 1.5:1
Max. load current @25°C	IL	0.5 A
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	10 kA
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	25V / 600V
Impulse current 2 x 10/350μs Test - D1 Category	I <sub>imp</sub>	2.5 kA / 10 kA
Nominal discharge current C2 Category	I <sub>n</sub>	5 kA
Max Power		6 W
DC Pass		Yes
Mechanical Characteristics		
Technology		GDT + R + Diode
Connection to Network		Connector BNC Female/Male
Format		Metallic box
Mounting		On cable
Housing material		Brass
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
RoHS compliance		Yes
Part number		
6301341		

