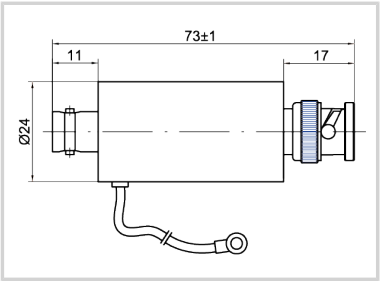
*Coaxial surge protector for video transmission networks*

# 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<br>*max. withstand @ 8/20 µs by pole* | Imax | 10 kA |
| Nominal discharge current<br>*C2 Category* | In | 5 kA |
| Protection level<br>*@ In (8/20 µs)* | Up L/L | 25V / 600V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 2.5 kA / 10 kA |
| Max RF 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 - transmision cut-off - fault mode 2 |
| Disconnection indicator | | Transmision interrupt |
| Dimensions | | See diagram |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497E |
| RohS compliance | | Yes |
| **Part number** | | |
| **6301341** | | |