

ZX-0,44-N50-F/F

SPD - for data, signalling and telecommunications lines / Coaxial lines / ST1 ($\lambda/4$ - ZX)

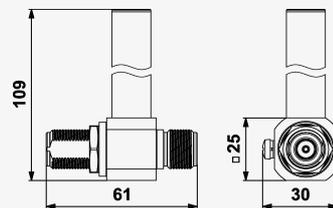
Lightning current arrester for coaxial line

connectors N 50 ohm, $\lambda/4$ wave length shortcut

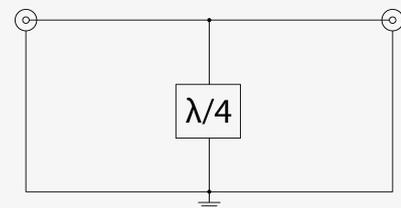
- lightning current arrester uses $\lambda/4$ wave length shortcut
- installation at the boundary of LPZ 0 and LPZ 1 zones (or higher) at the line entry into building
- for protection of coaxial radio lines and telecommunication devices against impact of direct or indirect lightning strike
- it works like band-pass (filter) for a relatively narrow frequency spectrum around the base frequency, outside of this spectrum it works like a short circuit (not suitable for combination with power supply)



Product dimensions



Basic circuit diagram



| Parameter name | Parameter value |
|--|-----------------------------------|
| Type of SPD | D1,C2,C3 |
| Location of SPD | ST 1+2+3 |
| Frequency range | f 390,00 - 490,00 MHz |
| Impedance | Z 50 Ω |
| Power (CW) | P 2 000.00 W |
| Insertion loss typ. (max.) | A 0,1 (0,2) dB |
| VSWR typ. (max.) | VSWR 1,1 (1,2) |
| D1 impulse discharge current (10/350 μs) core-PE | I_{imp} 5.00 kA |
| C2 nominal discharge current (8/20 μs) core-PE | I_n 20.00 kA |

| | | |
|--|------------------------|--|
| Dynamic spark-over voltage at 1kV/ μ s | U_{dyn} | 0.25 V |
| Connection (input - output) | | N 50 |
| Degree of protection | | IP 20 |
| Range of ambient temperatures (min/max) | | -40 / 80 °C |
| According to standard | | EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 |
| ETIM Class | | EC001466 |
| Customs tariff number | | 85363030 |
| EAN | | 8595090562078 |
| Order number | | A06207 |

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