

# ZX-0,44-N50-F/F

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

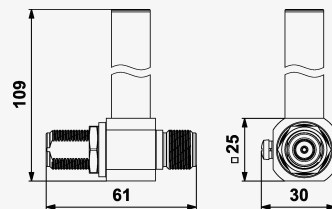
Lightning current arrester for coaxial line

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

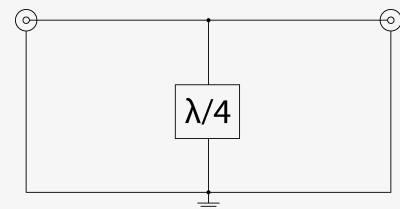
- lightning current arrester uses  $\lambda/4$  wave length shortcut
- installation at the boundary of LPZ 0 and LPZ 1 zones (or higher) at the line entry into building
- for protection of coaxial radio lines and telecommunication devices against impact of direct or indirect lightning strike
- it works 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	<b>f</b> 390,00 - 490,00 MHz
Impedance	<b>Z</b> 50 $\Omega$
Power (CW)	<b>P</b> 2 000.00 W
Insertion loss typ. (max.)	<b>A</b> 0,1 (0,2) dB
VSWR typ. (max.)	<b>VSWR</b> 1,1 (1,2)
D1 impulse discharge current (10/350 $\mu$ s) core-PE	<b>I<sub>imp</sub></b> 5.00 kA
C2 nominal discharge current (8/20 $\mu$ s) core-PE	<b>I<sub>n</sub></b> 20.00 kA

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

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