

ZX-0,44-N50-F/F

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

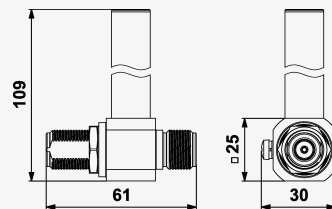
Lightning current arrester for coaxial line

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

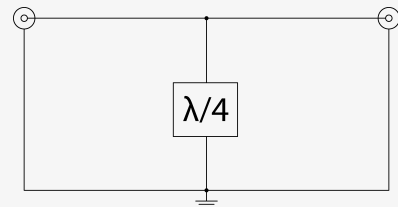
- lightning current arrester uses $\lambda/4$ wave length shortcut
- installation at the boundary of LPZ 0 and LPZ 1 zones (or higher) at the line entry into building
- for protection of coaxial radio lines and telecommunication devices against impact of direct or indirect lightning strike
- it works 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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