ZX-0,44-N50-F/F

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

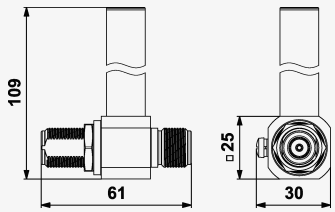
Lightning current arrester for coaxial line

connectors N 50 ohm, lambda/4 wave lenght shortcut

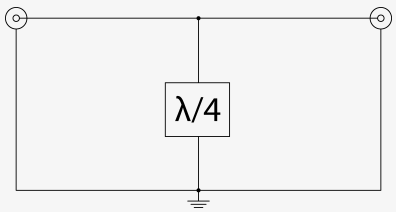
- lightning current arrester uses lambda/4 wave lenght shortcut
- installation at the boundary of LPZ 0 and LPZ 1 zones (or higher) at the line entry into building
- for protection of coaxial radio lines and telecommunication devices against impact of direct or indirect lightning strike
- it works like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