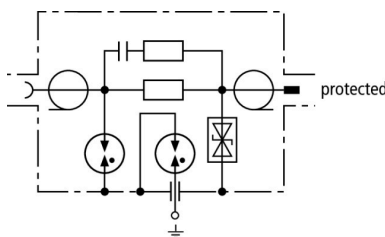


## UGKF BNC (929 010)

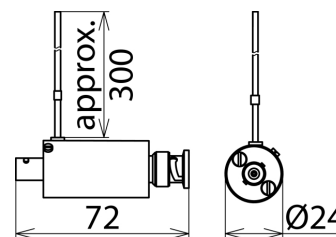
- Easily adaptable due to standard BNC connection
- Avoids ground loops
- For installation in conformity with the lightning protection zone concept at the boundaries from  $O_b - 2$  and higher



Figure without obligation



Basic circuit diagram UGKF BNC



Dimension drawing UGKF BNC

Two-stage surge arrester with indirect shield earthing for protecting video cameras and Arcnet with BNC connection to avoid ground loops

Type Part No.	UGKF BNC 929 010
SPD class	TYPE 2 Pt1
Nominal voltage ( $U_N$ )	5 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	8 V
Nominal current ( $I_L$ )	0.1 A
C2 Nominal discharge current (8/20 $\mu$ s) line-shield ( $I_n$ )	2.5 kA
C2 Nominal discharge current (8/20 $\mu$ s) shield-PG ( $I_n$ )	10 kA
Voltage protection level line-shield for $I_n$ C2 ( $U_P$ )	$\leq 25$ V
Voltage protection level line-shield at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 15$ V
Voltage protection level shield-PG at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 600$ V
Insertion loss at 300 MHz (50 ohms)	$\leq 3$ dB
Return loss at 40 MHz (50 ohms)	$\geq 20$ dB
Insertion loss at 265 MHz (75 ohms)	$\leq 3$ dB
Return loss at 40 MHz (75 ohms)	$\geq 20$ dB
Characteristic impedance (Z)	50 ohms / 75 ohms
Series resistance per line	10 ohms
Capacitance line-shield (C)	$\leq 50$ pF
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Connection (input / output)	BNC socket / BNC plug
Earthing via	outgoing earthing cable (0.75 mm <sup>2</sup> )
Shield earthing	indirectly via an integrated spark gap
Test standards	IEC 61643-21 / EN 61643-21
Approvals	CSA, UL
Weight	68 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364039940
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.