

## DGA GF TV (909 704)

- Frequency range for analogue and digital TV, also suitable for reverse LAN channels
- Arresters of type FF and GFF with integrated measuring output
- Three types for adapted use in conformity with the lightning protection zone concept at the boundaries from  $0_A - 2$  (combined lightning current and surge arresters of type GFF),  $0_A - 1$  (lightning current arresters of type GF) and  $1 - 2$  (surge arresters of type FF)

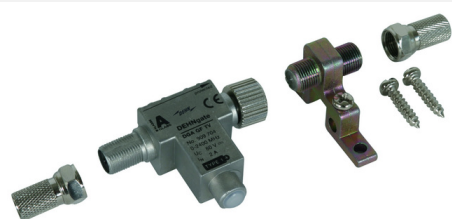
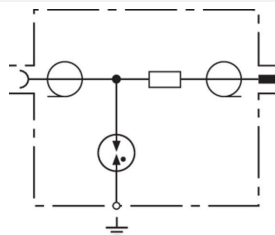
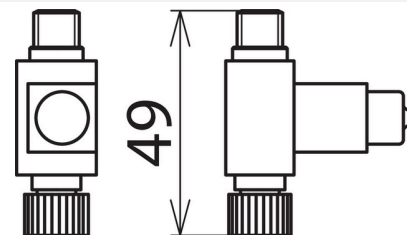


Figure without obligation



Basic circuit diagram DGA GF TV



Dimension drawing DGA GF TV

DGA ... TV arresters with F connection for remote supply protect 75 ohm satellite and broadband cable systems and fulfil the high shielding requirements of class A according to EN 50083-2. They allow space-saving installation in all common TV and satellite applications and are available as lightning current arresters, surge arresters as well as combined lightning current and surge arresters with integrated measuring output, allowing the system to be easily tested.

Type	DGA GF TV
Part No.	909 704
SPD class	<b>TYPE 1</b>
Max. continuous operating voltage (d.c.) ( $U_c$ )	60 V
Nominal current ( $I_n$ )	2 A
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	2.5 kA
C2 Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
Voltage protection level for $I_{imp}$ D1 ( $U_p$ )	$\leq 700$ V
Voltage protection level for $I_n$ C2 ( $U_p$ )	$\leq 700$ V
Voltage protection level at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 600$ V
Frequency range	0-2400 MHz
Insertion loss	0.5 dB
Return loss	$\geq 18$ dB (-1.5 dB/octave)
Shield attenuation 5-300 MHz	$\geq 85$ dB
Shield attenuation 300-470 MHz	$\geq 80$ dB
Shield attenuation 470-1000 MHz	$\geq 75$ dB
Shield attenuation 1000-2400 MHz	$\geq 55$ dB
Characteristic impedance (Z)	75 ohms
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Degree of protection (if lines are connected)	IP 30
For mounting on	earthing brackets
Connection (input / output)	F socket / F plug
Earthing via	earthing bracket with screw connection
Enclosure material	metal
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Accessories	earthing bracket and 2x F plug
Weight	86 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364105690
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.