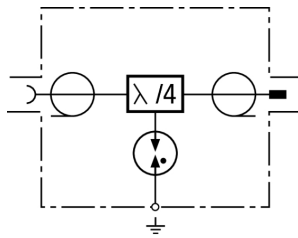


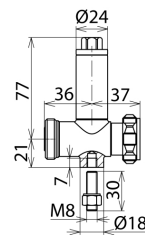
DGA LG 7 16 X (929 446)



Figure without obligation



Basic circuit diagram DGA LG 7 16 X



Dimension drawing DGA LG 7 16 X

Quarterwave arrester combined with a spark gap suitable for remote supply for multi-frequency applications (multi-carrier systems) due to minimum passive intermodulation. Broadband device for all 4+3G services.

DGA LG 7 16 X arresters are equipped with a self-extinguishing gas discharge capsule with automatic reset function for a high degree of safety and negligible system downtimes.

Type	DGA LG 7 16 X
Part No.	929 446
SPD class	TYPE 1
Max. continuous operating d.c. voltage (U_C)	65 V
Nominal current (I_n)	2.5 A
Max. transmission capacity	500 W
D1 Lightning impulse current (10/350 μ s) (I_{imp})	5 kA
C2 Nominal discharge current (8/20 μ s) (I_n)	20 kA
Voltage protection level for I_n C2 (U_p)	≤ 1000 V
Frequency range	d.c., 806 MHz - 2.2 GHz
Insertion loss	≤ 0.15 dB
Insertion loss 2176 MHz	typ. 0.1 dB
Return loss	≥ 20 dB
Return loss 2176 MHz	typ. 20.0 dB
Characteristic impedance (Z)	50 ohms
Intermodulation	typ. -150 dBc @ 2*43 dBm
Operating temperature range	-20°C...+85°C
Degree of protection	IP 65
Connection (input/output)	7/16 socket / 7/16 plug
Earthing via	earthing screw
Enclosure material	brass, surface-coated with trimetal plating
Colour	bare surface
Replaceable gas discharge tube	Part No. 929496
Test standards	IEC 61643-21 / EN 61643-21
Approvals	GOST
Weight	380 g
Customs tariff number	85366910
GTIN	4013364127609
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.