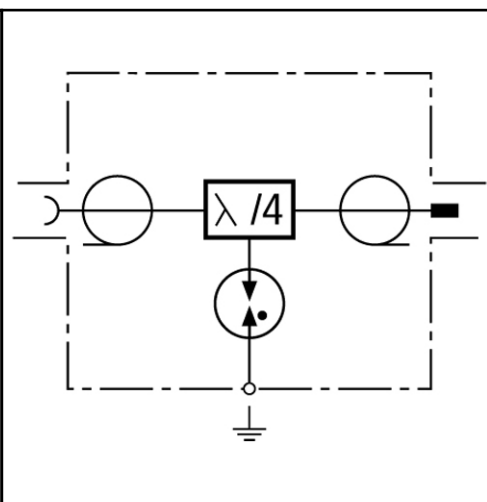


Dimension drawing DGA LG



Quarterwave arrester combined with gas discharge tube



- For multi-frequency applications with dc supply
- Best transmission and PIM performance
- For use according to the lightning protection zones concept at boundaries 0<sub>A</sub> – 1 and higher

Surge arrester suitable for remote supply with combined spark-gap-based quarterwave technology for multi-frequency applications (multi-carrier systems) due to minimum passive intermodulation. Broad-band unit especially for all 4+3G services.

DGA LG 7 16	
SPD Class	TYPE 1
Max. continuous dc voltage [U <sub>C</sub> ]	65 V
Nominal current [I <sub>L</sub> ]	13 A
Max. transmission capacity	500 W
D1 Lightning impulse current (10/350 μs) [I <sub>imp</sub> ]	5 kA
C2 Nominal discharge current (8/20 μs) [I <sub>n</sub> ]	20 kA
Voltage protection level at I <sub>n</sub> C2 [U <sub>p</sub> ]	≤ 600 V
Frequency range	dc, 806 MHz - 2.2 GHz
Insertion loss	< 0.15 dB
Return loss	≥ 20 dB
Impedance [Z]	50 Ohm
Intermodulation	typical -150 dB @ 2*43 dBm
Degree of protection	IP 65
Connection input/output	7/16 socket / 7/16 plug
Earthing by	earthing screw
Enclosure material	brass, refined surface with trimetal plating
Colour	bare
Exchangeable gas discharge tube	yes
Test standards	IEC 61643-21
<b>Ordering information</b>	
Type	DGA LG 7 16
Part No.	929 046
Packing unit	1pcs.

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.