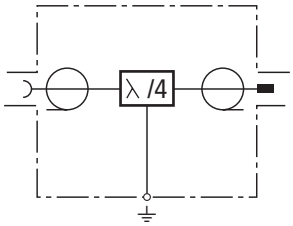
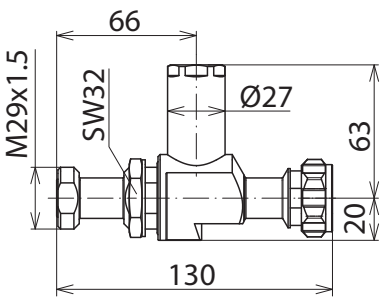
DGA L4 7 16 MFA (929 148)

- Maintenance-free combined lightning current and surge arrester for multi-frequency applications
- Maximum transmission and PIM performance
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A – 2 and higher





Basic circuit diagram



Dimension drawing

Combined lightning current and surge arrester with maintenance-free quarter-wave technology for multi-frequency applications (multi-carrier systems). The arrester is also capable of discharging high partial lightning currents. No remote supply as the arrester represents an electrical short-circuit for low-frequency signals. Broadband device for all 4+3G services.

Type	**DGA L4 7 16 MFA**
Part No.	**929 148**
Detail	
SPD class	TYPE 1 P1
Max. continuous operating voltage DC (U_C)	0 V
Nominal current (I_L)	0 A
Max. transmission capacity	1500 W
D1 Lightning impulse current (10/350 µs) (I_{imp})	40 kA
C2 Nominal discharge current (8/20 µs) (I_n)	80 kA
Voltage protection level for I_n C2 (U_P)	≤ 300 V
Frequency range	690 MHz-2.7 GHz
Insertion loss	≤ 0.1 dB
Return loss	≥ 28 dB
Characteristic impedance (Z)	50 ohms
Intermodulation	typ. -160 dBc @ 2*43 dBm
Operating temperature range (T_U)	-40 °C ... +85 °C
Degree of protection	IP 67
Connection	7/16 socket / 7/16 plug
Earthing via	bushing (Ø 29.5 mm) or M8 earthing screw
Enclosure material	brass, refined surface with trimetal plating
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21

Masterdata	
Net weight	448 g/pc(s)
GTIN	4013364157163
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.