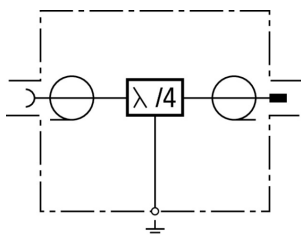


DGA L4 7 16 MFA (929 148)

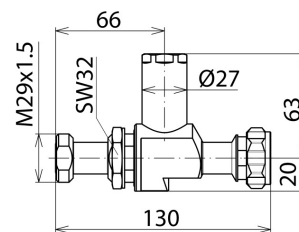
- Maintenance-free combined lightning current and surge arrester for multi-frequency applications
- Maximum transmission and PIM performance
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A-2 and higher



Figure without obligation



Basic circuit diagram DGA L4 7 16 MFA



Dimension drawing DGA L4 7 16 MFA

Combined lightning current and surge arrester with maintenance-free quarterwave 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 |
| SPD class | TYPE 1 P1 |
| Max. continuous operating voltage (d.c.) (U_c) | 0 V |
| Nominal current (I_n) | 0 A |
| Max. transmission capacity | 1500 W |
| D1 Lightning impulse current (10/350 μ s) (I_{imp}) | 40 kA |
| C2 Nominal discharge current (8/20 μ s) (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 |
| 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 ($\varnothing 29.5$ mm) or M8 earthing screw |
| Enclosure material | brass, refined surface with trimetal plating |
| Colour | bare surface |
| Test standards | IEC 61643-21 / EN 61643-21 |
| Weight | 448 g |
| Customs tariff number | 85366910 |
| GTIN | 4013364157163 |
| 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.