



KO - 6GN (F/F)

- Designed for protection of equipment connected to an aerial system by means of coaxial cables.
- The products consist of gas discharge tube with high discharge ability, thanks to which ensure a reliable protection of the receiving and transmitting systems even against a lightning stroke nearby.
- Wide range of products, various connector types and transmission power grades.
- Recommended for use in the Lightning Protection Zones at the boundaries of LPZ 0 – LPZ 1 and higher.

| Type | | KO - 6GN (F/F) |
|--|-----------|----------------------|
| Testing category according to IEC 61643-21:2000 and EN 61643-21:2001 | | C1, C2, C3, D1 |
| Connector type | | N |
| Maximum continuous operating voltage DC | U_C | 135 V |
| Rated load current | I_L | 5 A |
| C2 Nominal discharge current (8/20) | I_n | 5 kA |
| C3 Voltage protection level at 1 kV/ μ s | U_p | < 500 V |
| D1 Impulse discharge current (10/350) | I_{imp} | 1 kA |
| Maximum discharge current (8/20) | I_{max} | 10 kA |
| Frequency bandwidth | B | 0 ÷ 5.8 GHz |
| Max. transmission power capacity | | 50 W |
| Insertion loss | | < 0.2 dB |
| Return loss | | > 20 dB |
| Characteristic impedance | | 50 Ω |
| Degree of protection | | IP65 |
| Operating temperature | θ | -30 ÷ 70 °C |
| Designed according to standards | | |
| Requirements and test methods for SPDs connected to telecommunications and signalling networks | | IEC 61643-21:2000 |
| Application standards | | |
| Protection against lightning | | IEC 62305:2010 |
| Ordering, packaging and additional data | | |
| Mass | m | 91 g |
| Mass (including the packaging) | m | 102 g |
| Packaging dimensions (H x W x D) | | 26 x 98 x 73 mm |
| Packaging value | V | 0.19 dm ³ |
| Customs tariff no. | | 85363010 |
| EAN code | | 8590681113066 |
| Art. number | | 55 126 |



The link in the QR code leads to the online presentation of the **KO - 6GN (F/F)**. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit www.hakel.com

