



KO - 4GN (F/M)

- 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 - 4GN (F/M) |
|--|------------------|----------------------|
| 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 | 350 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/μs | U _p | < 850 V |
| D1 Impulse discharge current (10/350) | I _{imp} | 2 kA |
| Maximum discharge current (8/20) | I _{max} | 10 kA |
| Frequency bandwidth | B | 0 ÷ 3 GHz |
| Max. transmission power capacity | | 400 W |
| Insertion loss | | < 0.65 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 | 134 g |
| Mass (including the packaging) | m | 148 g |
| Packaging dimensions (H x W x D) | | 45 x 102 x 74 mm |
| Packaging value | V | 0.34 dm ³ |
| Customs tariff no. | | 85363010 |
| EAN code | | 8590681550212 |
| Art. number | | 55 021 |



The link in the QR code leads to the online presentation of the **KO - 4GN (F/M)**. 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.hakil.com

