

## KO-3GN (F/F)

KO\* is an innovated coaxial high-frequency protection range **designed for protection of equipment connected to an aerial system by means of coaxial cables**. Special gas discharge tubes **with maximum discharge current  $I_{max}$  (8/20) = 10kA** (or 20 kA in case of KO-5GN) ensure a reliable protection of the receiving and transmitting systems even against a lightning stroke nearby. Hakel company offers a wide range of coaxial protectors for various connector types and transmission power grades enabling usage in many applications. **These coaxial protectors are recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 0<sub>A(B)</sub> -1 and higher according to EN 62305.**

### PARAMETERS

Typ		KO-3GN (F/F)
Connector type		N connector
Maximum continuous operating voltage	$U_c$	90 V
Rated load current	$I_L$	5 A
D1 Max. lightning impulse current $I_{imp}$ (10/350 $\mu$ s)	$I_{imp}$	2 kA
C2 Max. discharge current (8/20)	$I_{max}$	10 kA
C2 Nominal discharge current $I_n$ (8/20)	$I_n$	5 kA
C3 Voltage protection level at 1 kV/ $\mu$ S	$U_p$	200 V
Frequency range		0-3 GHz
Max. transmission power capacity		50 W
Insertion loss		< 0,65 dB
Return loss		> 20 dB
Characteristic impedance		50 $\Omega$
Category tested acc. to IEC 61643-21:2000		C1, C2, C3, D1
Article number		
KO-3GN (F/F)		<b>55 018</b>



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**Product image**

