

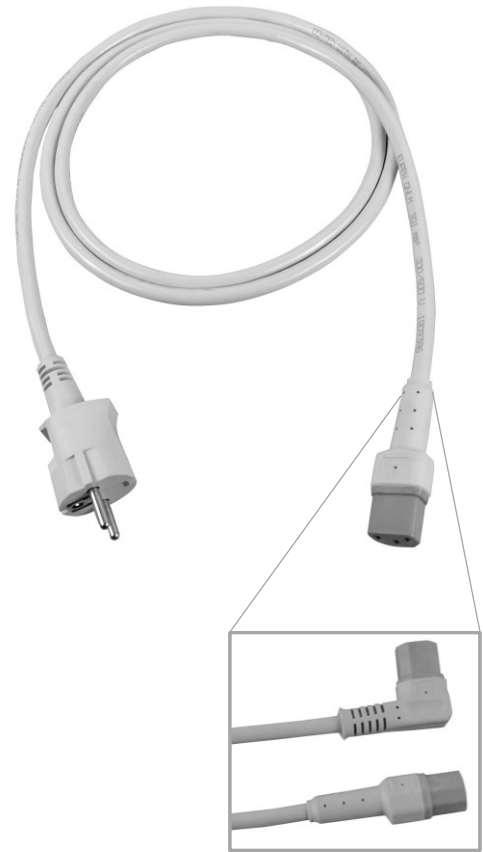
NK-SG12-D / NK-SG13-D

EMC – Power supply cable with choke

EMC – Power supply cable

- Available in 2 lengths:
NK-SG12-D / -DW: 2 m
NK-SG13-D: 3 m
- With choke and ferrite coating (EMC/COM)
- Foil shielding made of Polyester aluminum tape
- Version with VDE/UTE and IEC C13 straight or angled

Other lengths or special designs on request.



Overview

The prefabricated mains connection cables with ferrite are an effective means against HF radiation and thus achieve a higher interference immunity. By sheathing the copper conductors with the extrudable "EMC/COM", the cable becomes a low-pass filter.

High frequencies are absorbed by the magnetic and dielectric losses of the ferrite granules, and the RF energy is converted into heat.

The attenuation is proportional to the conductor length, and the flexibility of the line is only slightly affected.

Key facts

- Effective shielding against HF radiation
- Sheathing of the copper conductors with EMC/COM
- High interference immunity



NK-SG12-D / NK-SG13-D

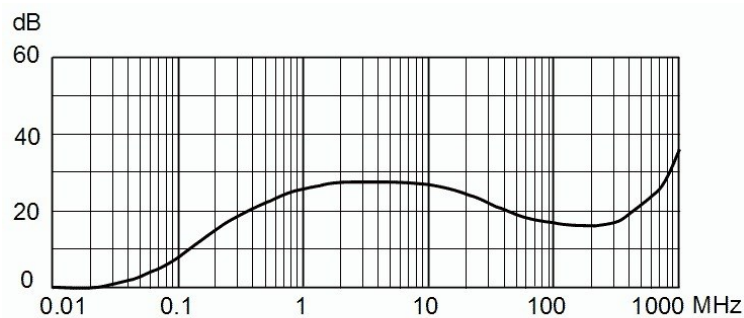
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Technical data

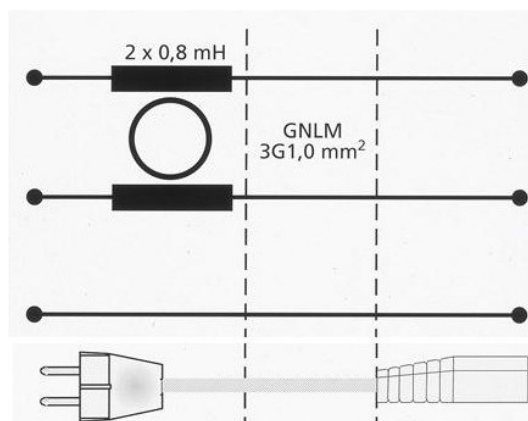
NK-SG12-D/-DW	NK-SG13-D		
Supply voltage	max. 250 V / 50 Hz	Construction	HF absorbing mains cable GNLM 3x1 with ferrite (EMC/COM) coated conductors and a foil shielding made of Polyester aluminum tape
Rated current	10 A	Withstanding voltage	2 kV
Standard length	NK-SG12-D/-DW: 2 m NK-SG13-D: 3 m (other lengths on request)		
Standard color	light grey (RAL 7035)		
Version	VDE/UTE / IEC C13 straight or angled		

Technical data II

Asymmetric attenuation



Technical data III



All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 192107

