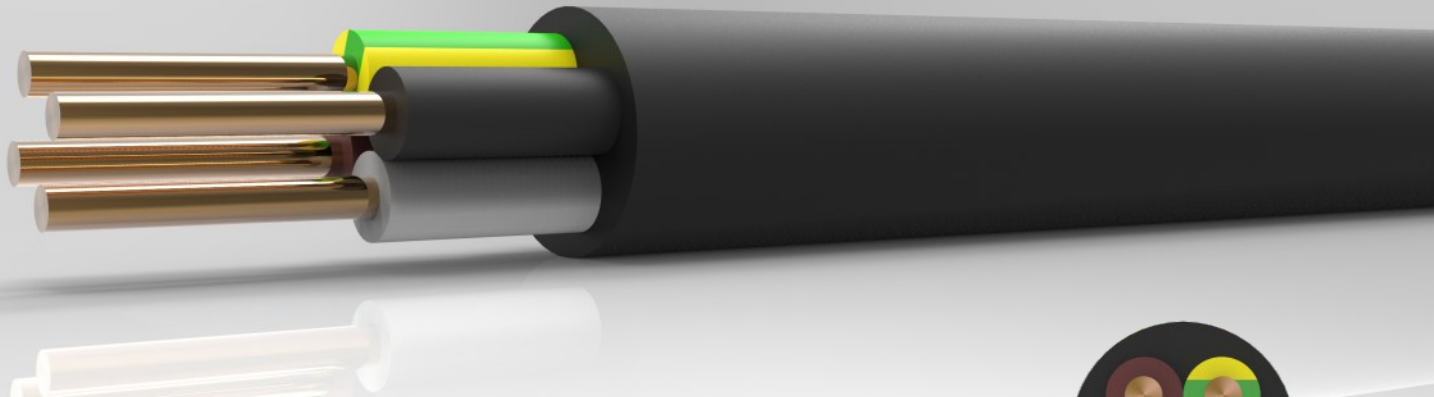
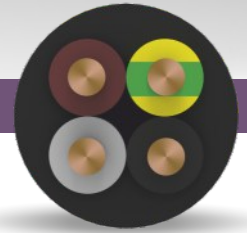


## **NOIKSX-M-CU**

**Halogen-free energy cable 0,6/1 kV**



### Copper power cables for voltage up to 1kV



#### APPLICATION

These cables are intended for the stationary distribution of electrical energy in dry or damp premises and for fixed installations in air or concrete. Suitable for hotels, hospitals, airports etc. to protect people and technical building equipment in the event of fire if circuit integrity is not required. Not allowed for installations underground or in water.



#### CONSTRUCTION

- Copper conductor, round solid (RE), round stranded (RM).
- Core insulation (XLPE)
- Sheath (halogen-free polymer compound, UV resistant)



#### TECHNICAL DATA

**Standard:** HD 604

**Rated voltage:** 0.6 / 1kV

**Test voltage:** 4 kV / 50 Hz

#### Temperature range:

Laying temperature: min. -15 °C

Conductor temperature: max. +70 °C

Short-circuit temperature: max. +250 °C / 5 s

**Bending radius:** 10 x Ø of cable

#### Fire properties:

Halogen free: IEC/EN 60754-1

Smoke density: IEC/EN 61034

Fire test: IEC/EN 60332-1





CONSTRUCTION DATA OF POWER CABLES / NOIKSX-M-CU					
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the air <sup>1</sup>	Outer diameter	Total weight	Standard lengths / packig
(mm <sup>2</sup> )	(Ω / km)	(A)	(mm) ca.	(kg/km) ca.	(m)
<b>4 x 10 RE</b>	1,830	74	18	670	500 D
<b>5 x 10 RE</b>	1,830	74	19	790	500 D
<b>3 x 16 RE</b>	1,150	98	19,2	750	500 D
<b>4 x 16 RE</b>	1,150	98	20,8	960	500 D
<b>5 x 16 RE</b>	1,150	98	22,7	1085	500 D
<b>3 x 25 RM</b>	0,727	133	24	1200	500 D
<b>4 x 25 RM</b>	0,727	133	26	1450	500 D
<b>3 x 35 RM</b>	0,524	162	27	1600	500 D
<b>4 x 35 RM</b>	0,524	162	28,4	1850	500 D
<b>3 x 50 RM</b>	0,387	197	29	1800	500 D
<b>4 x 50 RM</b>	0,387	197	34,4	2410	500 D
<b>3 x 70 RM</b>	0,268	250	34,6	2550	500 D
<b>4 x 70 RM</b>	0,268	250	37,8	3340	500 D
<b>3 x 95 RM</b>	0,193	308	38,1	3360	500 D
<b>4 x 95 RM</b>	0,193	308	42,8	4380	500 D
<b>1 x 120 RM</b>	0,153	485	19,4	1330	500 D
<b>3 x 120 RM</b>	0,153	359	41,7	4160	500 D
<b>1 x 150 RM</b>	0,124	557	21,1	1620	500 D
<b>3 x 150 RM</b>	0,124	412	45,4	5180	500 D
<b>1 x 185 RM</b>	0,099	475	51	6240	500 D
<b>1 x 240 RM</b>	0,075	774	26,6	2570	500 D



Subject to technical changes.

NOIKSX-M-CU

