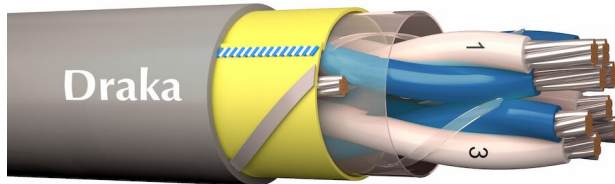


## NOMAK-HF C-PRo

Symmetrical halogen-free data cable for industrial control equipment



### GENERAL INFO

#### APPLICATION

These symmetrical data transmission cables are used in control and supervision centre for industrial sites. They are suitable for fixed installation inside housings and also outdoors.

Declaration of Performance (DoP)  
Nominal voltage U [V]

See Table Delivery info  
250

### CERTIFICATIONS AND DESIGN STANDARDS



IEC 60332-1  
EN 50575:2014+A1:2016

IEC 60332-3  
EN 13501-6, class Cca-s1,d1,a1

IEC 60754

IEC 61034

### CABLE DESIGN

Conductor	Copper
Conductor surface	Tinned
Insulation	Polyethylene (PE)
Drain wire	Yes
Screen over stranding	Foil
Outer sheath	Halogenfree polymer

## APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
UV resistant	Yes
Outdoor installation	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-5
Minimum permissible bending radius during laying	15 x D under maximum tension 10 x D without tension

## FIRE PROPERTIES

Reaction-to-fire, CPR classification	Cca-s1,d1,a1
Self-extinguishing	Yes
Flame retardant	In accordance with EN 13501-6
Halogen free	acc. IEC/EN 60754-1/2
Low smoke (acc. IEC 61034-2)	Yes

## PRODUCT RANGE

PRODUCT NAME	Snro	EAN-code (GTIN)	DOP number	Packaging type	Standard delivery length
NOMAK-HF C-PRo 2x2x0,5+0,5 K1000	0241679	6410002416794	1009961	Drum	1,000
NOMAK-HF C-PRo 4x2x0,5+0,5 K1000	0241680	6410002416800	1009805	Drum	1,000
NOMAK-HF C-PRo 8x2x0,5+0,5 K1000	0241681	6410002416817	1009806	Drum	1,000
NOMAK-HF C-PRo 12x2x0,5+0,5 K1000	0241683	6410002416831	1010098	Drum	1,000
NOMAK-HF C-PRo 24x2x0,5+0,5 K1000	0241687	6410002416879	1009808	Drum	1,000
NOMAK-HF C-PRo 48x2x0,5+0,5 K1000	0241689	6410002416893	1009728	Drum	1,000

## MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV]	0.5
NVP value [%]	60

Product description (short)	Diameter over cable [mm]	Nominal operation capacitance [nF/km]	Characteristic impedance [Ohm]	Insulation resistance [MΩ·km]	Loop resistance [Ohm]	Weight [kg/km]	Min. permitted bending radius, during cable laying [mm]
2x2x0,5+0,5	9	90	90	2,000	81	75	
4x2x0,5+0,5	11	90	90	2,000	81	120	
8x2x0,5+0,5	14	90	90	2,000	81	190	
12x2x0,5+0,5	16	90	90	2,000	81	260	
24x2x0,5+0,5	22	90	90	2,000	81	470	
48x2x0,5+0,5	29	90	90	2,000	81	850	