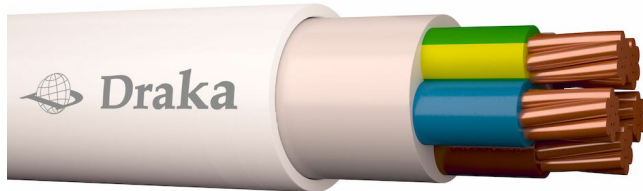


AFUX-HF C-PRO 0,6/1 KV

Low smoke halogen-free 1 kV installation cable



Product family description

For fixed surface and flush-mounted installations, indoors and outdoors. Especially for circumstances where it is required to have installation cables with a low emission of smoke and corrosive gases in case of fire.

Marketing text 1

Marketing text 2

CERTIFICATIONS AND DESIGN STANDARDS

Standards	IEC 60332-1-2 IEC 60332-3 IEC 61034 IEC 60754 IEC 60502-1 SFS 5546 (where appl.) EN 50575:2014+A1:2016 EN 13501-6, class Cca
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Conductor material	Copper
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Material inner sheath	Halogenfree polymer
Material outer sheath	Halogenfree polymer
Max. conductor temperature [°C]	90
Max. conductor temperature at short circuit [°C]	
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Bending radius (rule)	10x OD



FIRE PROPERTIES

Flame retardant

In accordance with EN 13501-6

ELECTRICAL TABLE

Product Attenuation	Product Frequency
3.5	5
5.5	10
8.9	15
10.5	25

DELIVERY INFO

External article code	Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
0403388	AFUX-HF C-Pro 1kV 3x6 S K8/500	6410004033883	Drum	500
0403391	AFUX-HF C-Pro 1kV 5x6 S K6M/200	6410004033913	Drum	200
0403390	AFUX-HF C-Pro 1kV 5x6 S K8/500	6410004033906	Drum	500
0403389	AFUX-HF C-Pro 1kV 3x10 S K8/400	6410004033890	Drum	400
0403392	AFUX-HF C-Pro 1kV 5x10 S K8/250	6410004033920	Drum	250
0403393	AFUX-HF C-Pro 1kV 5x16 S K9/250	6410004033937	Drum	250
0403394	AFUX-HF C-Pro 1kV 5x25 S K9/250	6410004033944	Drum	250



MECHANICAL AND ELECTRICAL DATA

Product name	Nominal outer diameter [mm]	Current carrying capacity [A]	Conductor resistance at 20° C [Ohm/km]	Weight [kg/km]	Min. permitted bending radius, stationary application/permanent installation [mm]
AFUX-HF C-Pro 1kV 3G6	13		3.08	350	130
AFUX-HF C-Pro 1kV 5G6	15		3.08	500	150
AFUX-HF C-Pro 1kV 3G10	16		1.83	500	160
AFUX-HF C-Pro 1kV 5G10	19		1.83	750	190
AFUX-HF C-Pro 1kV 5G16	22		1.15	1,100	220
AFUX-HF C-Pro 1kV 5G25	27		0.727	1,800	270

Current load, Installation method A (e.g. in conduit inside wall)