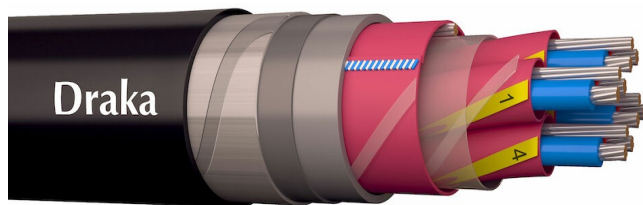


JAMAK-ARM-HF DCA

Symmetrical halogen-free data cable for industrial control equipment



Afumex®

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 outdoor.

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

See Table Delivery info
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CERTIFICATIONS AND DESIGN STANDARDS

RoHS **CE** **CPR D_{ca}**

EN 50575:2014+A1:2016

IEC 60332-1-2

IEC 61034

EN 13501-6, class Dca-s2,d2,a1

CABLE DESIGN

Conductor	Copper
Conductor surface	Tinned
Insulation	Polyethylene (PE)
Drain wire	Yes
Radial water blocking cable	Yes
Screen over stranding element	Foil
Armouring/reinforcement	Armouring tape
Screen over stranding	Foil
Filling sheath	Halogenfree polymer
Outer sheath	Halogenfree polymer
With rodent protection	Yes

APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature after assembling without vibration (min) [°C]	-30
UV resistant	Yes
With rodent protection	Yes
Outdoor installation	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-5
Underground installation	Yes
Minimum permissible bending radius during laying	15 x D under maximum tension 10 x D without tension

FIRE PROPERTIES

Reaction-to-fire, CPR classification	Dca-s2,d2,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
	0264274	6410002642742	1004262	Drum	1,000
	0264278	6410002642780	1004262	Drum	1,000
	0264282	6410002642827	1004262	Drum	1,000
	0264284	6410002642841	1004262	Drum	1,000
	0264288	6410002642889	1004263	Drum	1,000

MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV]	0.5
NVP value [%]	66

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]
4x(2+1)x0,5	12	85	70	2,000	81	230	
8x(2+1)x0,5	17	85	70	2,000	81	390	
12x(2+1)x0,5	19	85	70	2,000	81	500	
24x(2+1)x0,5	25	85	70	2,000	81	850	
48x(2+1)x0,5	34	85	70	2,000	81	1,500	

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