

KLMA-HF DCA

Symmetrical halogen-free signal cable



Afumex®

GENERAL INFO

APPLICATION

These symmetrical signal cables are used in control and supervision centres, security systems and building automation. They are suitable for fixed installation inside housings.

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

See Table Delivery info
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CERTIFICATIONS AND DESIGN STANDARDS

RoHS  

SFS 2755
IEC 61034

EN 50575:2014+A1:2016
IEC 60754

EN 13501-6, class Dca-s2,d2,a2 IEC 60332-1-2

CABLE DESIGN

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

APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
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	Dca-s2,d2,a2
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
KLMA-HF Dca 2x0,8+0,8 PK500	0241226	8711401016683	1003555	Bobbin	500
KLMA-HF Dca 4x0,8+0,8 PK500	0241227	8711401016720	1003556	Bobbin	500

MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV]	0.5
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Product description (short)	Diameter over cable [mm]	Insulation resistance [MΩ·km]	Max. DC resistance, conductor (20°C) [ohm/km]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
KLMA-HF Dca 2x0,8+0,8	5	500	36.7	35	50
KLMA-HF Dca 4x0,8+0,8	6	500	36.7	50	55