



Reference: 10176157
EAN 13: 3427580463327

CONTACT

Market information
 industryprojects.business@lynxgroup.com

- Low voltage cables 0.6/1 (1.2) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- Armoured (NA)

STANDARDS

Product IEC 60228

Test IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These low voltage cables are used for lighting system power supply, engine power supply and solenoid valve power supply. They are well adapted to under ground use.

DESIGN

Design

Conductor:

Stranded bare copper or aluminium (class 2)

Insulation:

Cross-linked halogen free (SH)

Covering (optional):

Flame retardant filler material

Inner sheath:

Low smoke, zero halogen (LSZH)

Armour:

Steel tape (STA) or aluminium tape (ATA) for 1 core cable

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: Blue

Core identification

According to HD308 S2

Marking

LYNXEO 279 Nber of cores & cross-section Cu/Al Armé CST 74C 068 00 K3 SH 0.6/1 (1.2) kV YYYY Manufacturing number + metric marking



Halogen free
IEC 60754-1



Rated Voltage Uo/U (Um)
0.6/ 1 (1.2) kV



Fire retardant
NF C 32070 C1; IEC 60332-3-24 (cat B)



Smoke density
EN/IEC 61034-2



Operating temp.
-20 ... 60 °C



Max. conductor temp.in service
90 °C

STANDARD

Standard

All drawings, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of LynxEO is indicative only and shall not be binding on LynxEO or be treated as constituting a representation on the part of LynxEO.
 Quality insurance according to ISO 9001

CHARACTERISTICS**Construction characteristics**

Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	Halogen-free
Outer sheath	Halogen-free
Halogen free	IEC 60754-1
With Green/Yellow core	No

Dimensional characteristics

Conductor cross-section	16 mm ²
Number of cores	4
Conductor diameter	4.8 mm
Diameter over insulation	6.16 mm
Diameter over armour	18.8 mm
Minimum outer diameter	21.6 mm
Maximum outer diameter	24.7 mm
Approximate weight	1256 kg/km

Electrical characteristics

Rated Voltage U ₀ /U (Um)	0.6/ 1 (1.2) kV
--------------------------------------	-----------------

Usage characteristics

Fire retardant	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Smoke density	EN/IEC 61034-2
Operating temperature, range	-20 ... 60 °C
Max. conductor temperature in service	90 °C
Nuclear Classification	Class 1 E Non LOCA/K3

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations



Halogen free
IEC 60754-1



Rated Voltage U₀/U (Um)
0.6/ 1 (1.2) kV



Fire retardant
NF C 32070 C1; IEC 60332-3-24
(cat.B)



Smoke density
EN/IEC 61034-2



Operating temp.
-20 ... 60 °C



Max. conductor temp. in
service
90 °C