



### CONTACT

Market information  
industryprojects.business@lynx<sup>eo</sup>  
ogroup.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



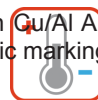
Rated Voltage U<sub>o</sub>/U (Um)  
0.6/ 1 (1.2) kV



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 Lynx<sup>eo</sup> is indicative only and shall not be binding on Lynx<sup>eo</sup> or be treated as constituting a representation on the part of Lynx<sup>eo</sup>.  
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	95 mm <sup>2</sup>
Number of cores	3
Conductor diameter	11.4 mm
Diameter over insulation	13.6 mm
Diameter over armour	33.1 mm
Minimum outer diameter	36.5 mm
Maximum outer diameter	41.0 mm
Approximate weight	3985 kg/km

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (Um)	0.6/ 1 (1.2) kV
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### 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 U<sub>0</sub>/U (Um)  
0.6/ 1 (1.2) kV



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