



**Reference:** 10176143  
**EAN 13:** 3427580463181

#### CONTACT

Market information  
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- 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

**Producto** IEC 60228

**Ensayo** 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

LYN<sup>EO</sup> 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



Libre de halógenos  
IEC 60754-1



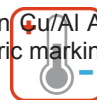
Tensión nominal de servicio  
U<sub>0</sub>/U  
0.6/ 1 (1.2) kV



No propagador del incendio  
NF C 32070 C1; IEC  
60332-3-23 (cat.B)



Densidad de los humos  
EN/IEC 61034-2



Temp. ambiente de  
utilización  
-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

### Características de construcción

Material del conductor	Plain copper
Type of conductor	Stranded, class 2
Aislamiento	Halogen-free
Cubierta exterior	Halogen-free
Libre de halógenos	IEC 60754-1
Con conductor amarillo/verde	No

### Características dimensionales

Sección del conductor	2,5 mm <sup>2</sup>
Número de conductores	2
Diámetro del conductor	1,91 mm
Diámetro sobre aislamiento	3,27 mm
Diameter over armour	10,1 mm
Diámetro exterior mínimo	12,8 mm
Diámetro exterior máximo	15,0 mm
Peso aproximado	335 kg/km

### Características eléctricas

Tensión nominal de servicio U <sub>o</sub> /U	0.6/ 1 (1.2) kV
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### Características de uso

No propagador del incendio	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Densidad de los humos	EN/IEC 61034-2
Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Temperatura máxima del conductor	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



Libre de halógenos  
IEC 60754-1



Tensión nominal de servicio  
U<sub>o</sub>/U  
0.6/ 1 (1.2) kV



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NF C 32070 C1; IEC  
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Densidad de los humos  
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