



**Reference:** 10176157  
**EAN 13:** 3427580463327

#### 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



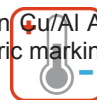
Tensión nominal de servicio  
 Uo/U  
 0.6/ 1 (1.2) kV



No propagador del incendio  
 NF C 32070 C1; IEC  
 60332-3-24 (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. LynxEO or its products are represented 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	16 mm <sup>2</sup>
Número de conductores	4
Diámetro del conductor	4,8 mm
Diámetro sobre aislamiento	6,16 mm
Diameter over armour	18,8 mm
Diámetro exterior mínimo	21,6 mm
Diámetro exterior máximo	24,7 mm
Peso aproximado	1256 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  
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