



**Reference:** 10265136  
**EAN 13:** 3427580724978

#### CONTACT

Market information  
 industryprojects.business@lynxgroup.com

- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.6/1(1.2)kV
- **Cables installed outside the containment area (K3)**
- Overall screened (EG)
- Unarmoured (NA)

#### STANDARDS

**Producto** IEC 60228

**Ensayo a;** IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

#### APPLICATIONS

These control cables allow connection to a variety of industrial equipment from control room. Many of them require anti-inductive screen (EMI).

#### DESIGN

##### Conductor:

- Stranded (class 2) or flexible (class 5) plain copper

##### Insulation:

- Zero halogen (SH), cross-linked

##### Assembling:

- An inner sheath acting as a filler or polyester tape

##### Screen:

- Copper wire braid (CWB) R ≥ 80%

##### Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: Grey

#### CORE IDENTIFICATION

##### Core identification

Black cores printed with white numbers  
 Optional: with G/Y core.

##### Marking

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



Libre de halógenos  
 IEC 60754-1; IEC 60754-2



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



Temp. ambiente de utilización  
 -20 ... 60 °C



Densidad de los humos  
 IEC 61034-2



No propagador del incendio  
 NF C 32070 C1;  
 IEC 60332-3-24 (cat.B)



Resistencia a interferencias electromagnéticas  
 SI



Resistencia a radiaciones ultravioletas  
 SI



Life cycle 60years  
 Yes

## CHARACTERISTICS

### Características de construcción

Material del conductor	Plain copper
Aislamiento	Halogen-free
Type of conductor	Stranded, class 2
Pantalla	Bare copper braid
Cubierta exterior	LSZH
Libre de halógenos	IEC 60754-1; IEC 60754-2

### Características dimensionales

Sección del conductor	6 mm <sup>2</sup>
Número de conductores	4
Diámetro del conductor	3,0 mm
Diámetro sobre aislamiento	4,4 mm
Diameter over screen	11,6 mm
Diámetro exterior mínimo	14,2 mm
Diámetro exterior máximo	16,4 mm
Peso aproximado	485 kg/km

### Características eléctricas

Resistencia máxima del conductor en CC a 20° C	3,08 Ohm/km
Maximum DC resistance of the conductor at 90°C	3,920 Ohm/km
Reactance at 50 Hz	0,084 Ohm/km
Short Circuit Current 0,3 s Max	1,6 kA
Short Circuit Current 1 s Max	0,86 kA
Voltage Drop	6,4 V/A.km
Impedance at 50 Hz	3,08 Ohm
Calorific Power	2,5 MJ/m
Permissible short circuit current	- kA
Tensión nominal de servicio U <sub>0</sub> /U	0.6/ 1 (1.2) kV

### Características de uso

Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Densidad de los humos	IEC 61034-2
No propagador del incendio	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Resistencia a interferencias electromagnéticas	Sí
Resistencia a radiaciones ultravioletas	Sí
Life cycle 60years	Yes
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

**Marking**

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