



Reference: 10213053  
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### CONTACT

Market information  
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5 (0.6) kV
- Cables installed inside of the containment area (K2)
- Overall screened (EG)
- Unarmoured (NA)

### STANDARDS

Product IEC 60228

Test 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).

### CONSTRUCTION

#### Conductor:

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

#### Insulation:

- Zero halogen (SH), cross-linked

#### Assembling:

- Polyester tape (optional)

#### Inner sheath:

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

#### Screen:

- Copper wire braid (CWB)  $R \geq 80\%$

#### Outer sheath:

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

#### 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 K2 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



无卤  
IEC 60754-1; IEC 60754-2



操作温度  
-20 ... 60 °C



烟密度  
IEC 61034-2



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



抗电磁干扰  
是



抗UV  
是



Life cycle  
60years  
是



耐辐射  
Yes

## CHARACTERISTICS

## 结构特性

导体材料	裸铜
导体类型	Stranded, class 2
绝缘	无卤
内护套	-
屏蔽	Bare copper braid
外护套	低烟无卤
无卤	IEC 60754-1; IEC 60754-2

## 尺寸特性

导线截面	0.5 mm <sup>2</sup>
芯线数	48
导线直径	0.9 mm
绝缘外径	2.2 mm
Diameter over inner sheath	19.8 mm
Diameter over screen	21.3 mm
外径最小值	23.4 mm
Maximum outer diameter	27.4 mm
近似重量	1005 kg/km

## 电气特性

20° C时导体的最大直流电阻	36 Ohm/km
90° C时导体的最大直流电阻	45.900 Ohm/km
Reactance at 50 Hz	0.112 Ohm/km
Short Circuit Current 0,3 s Max	0.13 kA
Short Circuit Current 1 s Max	0.07 kA
Impedance at 50 Hz	36 Ohm
Voltage Drop	73.6 V/A.km
Calorific Power	6.9 MJ/m

## 使用特性

操作温度范围	-20 ... 60 ° C
烟密度	IEC 61034-2
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
抗电磁干扰	是
抗UV	是
Life cycle 60years	是
耐辐射	Yes
芯线最高静止温度	90 ° C
Nuclear Classification	K2

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations

Marking

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kV YYYY Manufacturing number + metric marking