



Reference: 10213050  
EAN 13: 3427580629662

### 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 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



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



Operating temp.  
- 20 ... 60 ° C



IEC 61034 - 2



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



Electro magnetic  
interference  
resistance  
Yes



U.V resistance  
Yes



Life cycle 60years  
Yes



Radiation  
resistant  
Yes

## CHARACTERISTICS

	2	( )
		-
		Bare copper braid
Halogen free		IEC 60754 - 1; IEC 60754 - 2
		0.5 mm <sup>2</sup>
		2
		0.9 mm
Diameter over insulation		2.2 mm
Diameter over inner sheath		5.8 mm
Diameter over screen		6.4 mm
Minimum outer diameter		7.6 mm
Maximum outer diameter		9.6 mm
( )		135 kg/km
20 ° C	DC	36 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		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		1.7 MJ/m
操作度范		- 20 ... 60 ° C
		IEC 61034 - 2
Fire retardant		NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)
Electro magnetic interference resistance		Yes
U.V resistance		Yes
Life cycle 60years		Yes
Radiation resistant		Yes
Max. conductor temperature in service		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