



Reference: 10265136  
EAN 13: 3427580724978

### CONTACT

Market information  
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- 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

Product IEC 60228

Test 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



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



Uo/U  
(Um)  
0.6/ 1 (1.2) kV



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

## CHARACTERISTICS

	2 ( )
	Bare copper braid
Halogen free	IEC 60754 - 1; IEC 60754 - 2
	6 mm <sup>2</sup>
	4
	3.0 mm
Diameter over insulation	4.4 mm
Diameter over screen	11.6 mm
Minimum outer diameter	14.2 mm
Maximum outer diameter	16.4 mm
( )	485 kg/km
20 ° C DC	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
U <sub>o</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV
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
Max. conductor temperature in service	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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