



Reference: 10265134  
EAN 13: 3427580724954

## 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



U<sub>o</sub>/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              |
|  |       | 10 mm <sup>2</sup>                        |
|  |       | 3   |
|  |       | 3.9 mm                                    |
| Diameter over insulation                         |       | 5.3 mm                                    |
| Diameter over screen                             |       | 12.3 mm                                   |
| Minimum outer diameter                           |       | 15.0 mm                                   |
| Maximum outer diameter                           |       | 17.2 mm                                   |
| ( )  |       | 560 kg/km                                 |
| 20 ° C   | DC    | 1.83 Ohm/km                               |
| Maximum DC resistance of the conductor at 90 ° C |       | 2.330 Ohm/km                              |
| Reactance at 50 Hz                               |       | 0.079 Ohm/km                              |
| Short Circuit Current 0,3 s Max                  |       | 2.6 kA                                    |
| Short Circuit Current 1 s Max                    |       | 1.4 kA                                    |
| Voltage Drop                                     |       | 3.8 V/A.km                                |
| Impedance at 50 Hz                               |       | 1.83 Ohm                                  |
| Calorific Power                                  |       | 2.9 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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