



Reference: 10264332  
EAN 13: 3427580723261

### 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 outside the containment area (K3)
- Overall screened (EG)
- Unarmoured (NA)
- Fire resistant

### STANDARDS

Product IEC 60228

Test a; EN 50200; EN 50362; 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

#### Flame barrier:

- Mica tape (MGT)

#### 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.



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



U<sub>0</sub>/U  
(Um)  
0.3/0.5(0.6)kV



Operating temp.  
- 20 ... 60 ° C



IEC 61034 - 2



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



Fire resistant  
EN 50200/362



Electro magnetic  
interference  
resistance  
Yes



U.V resistance  
Yes

## CHARACTERISTICS

	2	( )
	LSZH	
	Bare copper braid	
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
	0.5 mm <sup>2</sup>	
	4	
	0.9 mm	
Diameter over insulation	3.0 mm	
Diameter over inner sheath	8.6 mm	
Diameter over screen	9.6 mm	
Minimum outer diameter	11.4 mm	
Maximum outer diameter	13.2 mm	
( )	250 kg/km	
20 ° C	DC	- Ohm/km
Maximum DC resistance of the conductor at 90 ° C		- Ohm/km
Reactance at 50 Hz		- Ohm/km
Short Circuit Current 0,3 s Max		- kA
Short Circuit Current 1 s Max		- kA
Impedance at 50 Hz		- Ohm
Voltage Drop		- V/A.km
Calorific Power		- MJ/m
U <sub>o</sub> /U (U <sub>m</sub> )		0.3/0.5(0.6)kV
操作度范		- 20 ... 60 ° C
		IEC 61034 - 2
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)	
Fire resistant		EN 50200/362
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

LYNXEO 279 Nber of cores & cross - section Cu EG CST 74 C 068 K3 SH 0.3/0.5(0.6) kV EN  
50200/362 YYYY Manufacturing number + metric marking