



### 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)
- 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).

### DESIGN

#### 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



Uo/U  
(Um)  
0.3/0.5(0.6)kV



Operating temp.  
- 20 ... 60 ° C



EN/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



Life cycle 60years  
Yes

## CHARACTERISTICS

	2	( )
	LSZH	
	Bare copper braid	
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
U <sub>0</sub> /U (Um)	0.3/0.5(0.6)kV	
操作度范	- 20 ... 60 ° C	
	EN/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	
Life cycle 60years	Yes	
Radiation resistant	Yes	
U.V resistance	Yes	
Max. conductor temperature in service	90 ° C	
Nuclear Classification	K2	

## STRANDED CLASS 2

Reference Name	[mm <sup>2</sup> ]	Nb. of cores	[mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	( )	[kg/km]
10213642 74C068 SH C 500V 14x1 Cu2 K2 EG NA EN 50200/362	1	14	1.3	3.5	18	19.3	20.0	24.0		805
10213643 74C068 SH C 500V 19x1 Cu2 K2 EG NA EN 50200/362	1	19	1.3	3.5	20.1	21.3	23.3	26.7		1030
10257531 74C068 SH C 500V 37x1,5 Cu2 K2 EG NA EN 50200/362	1.5	37	1.5	3.6	28.6	30.1	31.5	36.3		1925

## 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 K2 SH 0.3/0.5(0.6) kV EN 50200/362 YYYY Manufacturing number + metric marking