



Reference: 10176402  
EAN 13: 3427580465673

### 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 (K1)
- Overall Screen (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).

### 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)

#### Overall 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 K1 SH  
0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



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



Operating temp.  
- 20 ... 60 ° C



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



Electro magnetic  
interference  
resistance  
Yes



Life cycle 60years  
Yes



Radiation  
resistant  
Yes

## CHARACTERISTICS

	Flexible, Classe 5
	LSZH Copper Braid
Halogen free	IEC 60754 - 1; IEC 60754 - 2
	0.5 mm <sup>2</sup> 27
	0.9 mm
Diameter over insulation	2.1 mm
Diameter over inner sheath	15.8 mm
Diameter over screen	16.8 mm
Minimum outer diameter	18.3 mm
Maximum outer diameter	21.7 mm
( )	726 kg/km
20 ° C DC	39 Ohm/km
Maximum DC resistance of the conductor at 90 ° C	49.700 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	39 Ohm
Voltage Drop	69.0 V/A.km
Calorific Power	7.2 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
	-
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)
Electro magnetic interference resistance	Yes
Life cycle 60years	Yes
Radiation resistant	Yes
Loss of coolant accident resistant	Yes
U.V resistance	Yes
Max. conductor temperature in service	90 ° C
Nuclear Classification	Class 1 E LOCA /K1

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations