



Reference: 10257531  
EAN 13: 3427580713736

### CONTACT

Market information  
industryprojects.business@lynx<sup>eo</sup>.group.com

- 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
	1.5 mm <sup>2</sup> 37
	1.5 mm
Diameter over insulation	3.6 mm
Diameter over inner sheath	28.6 mm
Diameter over screen	30.1 mm
Minimum outer diameter	31.5 mm
Maximum outer diameter	36.3 mm
( )	1925 kg/km
20 ° C DC	12.1 Ohm/km
Maximum DC resistance of the conductor at 90 ° C	15.400 Ohm/km
Reactance at 50 Hz	0.114 Ohm/km
Short Circuit Current 0,3 s Max	0.39 kA
Short Circuit Current 1 s Max	0.21 kA
Impedance at 50 Hz	12.1 Ohm
Voltage Drop	24.8 V/A.km
Calorific Power	11.3 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 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

## 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