



Reference: 10220646  
Country Ref.: 01270447  
EAN 13: 3427580644184

### 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 of the containment area (K3)
- Overall Screen (EG)
- Armoured by braid (TZ) or tapes (AR)

### 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). They are well adapted to underground use.

### CONSTRUCTION

#### Conductor:

- Stranded plain copper (class 2)

#### Insulation:

- Zero halogen (SH), cross - linked

#### Assembling:

- Polyester tape (optional)

#### Overall screen:

- Copper wire braid (CWB) R 80%

#### Inner sheath:

- Low smoke, zero halogen (LSZH)

#### Armour:

- Galvanized steel braid (Tz) 4 conductors
- Steel tapes (Ar) > 4 conductors

#### Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

Core identification

Black cores printed with white numbers

Optional: with Y/G core

Marking

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



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



Mechanical  
resistance to  
impacts  
Good



Operating temp.  
- 20 ... 60 ° C



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	
	LSZH	
Armour type		
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
With Green/Yellow core		
	1 mm <sup>2</sup>	
	2	
	1.3 mm	
Diameter over insulation	2.5 mm	
Diameter over screen	5.8 mm	
Diameter over inner sheath	7.4 mm	
Diameter over armour	8.9 mm	
Minimum outer diameter	11.7 mm	
Maximum outer diameter	13.4 mm	
( )	259 kg/km	
20 ° C	DC	18.1 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		23.000 Ohm/km
Reactance at 50 Hz		0.1 Ohm/km
Short Circuit Current 0,3 s Max		0.26 kA
Short Circuit Current 1 s Max		0.14 kA
Impedance at 50 Hz		18.1 Ohm
Voltage Drop		32.0 V/A.km
Calorific Power		2.3 MJ/m
Mechanical resistance to impacts	Good	
操作度范	- 20 ... 60 ° C	
	-	
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	



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60754 - 2



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NF C 32070 C1;  
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(cat.B)



Electro magnetic  
interference  
resistance  
Yes



U.V resistance  
Yes



Life cycle 60years  
Yes

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations



Halogen free  
IEC 60754 - 1; IEC  
60754 - 2



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