



Reference: 10220686
Country Ref.: 01270457
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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 With Green/Yellow core	IEC 60754 - 1; IEC 60754 - 2
	1.5 mm ² 4
	1.5 mm
Diameter over insulation	2.7 mm
Diameter over screen	7.8 mm
Diameter over inner sheath	9.6 mm
Diameter over armour	10.9 mm
Minimum outer diameter	13.9 mm
Maximum outer diameter	15.9 mm
()	388 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	0.096 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	21.4 V/A.km
Calorific Power	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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U.V resistance
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Life cycle 60years
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SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

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