



**Reference:** 10264332  
**EAN 13:** 3427580723261

#### 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 the containment area (K3)**
- 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).

#### CONSTRUCTION

##### 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.



Senza alogeno  
IEC 60754-1; IEC 60754-2



Tensione nominale  
U<sub>0</sub>/U (U<sub>m</sub>)  
0.3/0.5(0.6)kV



Temperatura Operativa  
-20 ... 60 °C



Densità fumo  
IEC 61034-2



Fuoco ritardante  
NF C 32070 C1;  
IEC 60332-3-24 (cat.B)



Resistenza al fuoco  
EN 50200/362



Resistenza ad interferenza elettromagnetica  
SI



Resistenza U.V.  
SI

**CHARACTERISTICS****Caratteristiche costruttive**

Materiale del conduttore	Rame nudo
Tipo di conduttore	A trefoli, Classe 2
Isolamento	Senza alogeni
Guaina interna	LSZH
Schermo	Treccia di rame nuda
Guaina esterna	LSZH
Senza alogeno	IEC 60754-1; IEC 60754-2

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	0,5 mm <sup>2</sup>
Numero di anime	4
Diametro nominale del conduttore del cavo	0,9 mm
Diametro nominale sull'isolante	3,0 mm
Diametro sulla guaina interna	8,6 mm
Diameter over screen	9,6 mm
Diametro esterno min	11,4 mm
Diametro esterno max	13,2 mm
Peso approssimativo del cavo	250 kg/km

**Caratteristiche elettriche**

Massima resistenza el. del cond. a 20°C in c.c.	- Ohm/km
Maximum DC resistance of the conductor at 90°C	- Ohm/km
Reattanza a 50 Hz	- Ohm/km
Short Circuit Current 0,3 s Max	- kA
Short Circuit Current 1 s Max	- kA
Impedance at 50 Hz	- Ohm
Voltage Drop	- V/A.km
Calorific Power	- MJ/m
Tensione nominale U <sub>o</sub> /U (Um)	0.3/0.5(0.6)kV

**Caratteristiche d'utilizzo**

Temperatura Operativa	-20 ... 60 °C
Densita' fumo	IEC 61034-2
Fuoco ritardante	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Resistenza al fuoco	EN 50200/362
Resistenza ad interferenza elettromagnetica	Si
Resistenza U.V.	Si
Life cycle 60years	Si
Temperatura massima di servizio del conduttore	90 °C
Nuclear Classification	Class 1 E Non LOCA/K3

**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 K3 SH 0.3/0.5(0.6) kV EN 50200/362  
YYYY Manufacturing number + metric marking