



**Reference:** 10265134  
**EAN 13:** 3427580724954

#### CONTACT

Market information  
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.6/1(1.2)kV
- **Cables installed outside the containment area (K3)**
- Overall screened (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).

#### DESIGN

##### Conductor:

- Stranded (class 2) or flexible (class 5) plain copper

##### Insulation:

- Zero halogen (SH), cross-linked

##### Assembling:

- An inner sheath acting as a filler or polyester tape

##### Screen:

- Copper wire braid (CWB) R ≥ 80%

##### Outer sheath:

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

#### CORE IDENTIFICATION

##### 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 K3 SH 0.6/1(1.2) kV YYYY Manufacturing number + metric marking



Senza alogeno  
 IEC 60754-1; IEC 60754-2



Tensione nominale  
 U<sub>0</sub>/U (U<sub>m</sub>)  
 0.6/ 1 (1.2) kV



Temperatura Operativa  
 -20 ... 60 °C



Densita' fumo  
 IEC 61034-2



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



Resistenza ad interferenza elettromagnetica  
 SI



Resistenza U.V.  
 SI



Life cycle 60years  
 SI

**CHARACTERISTICS****Caratteristiche costruttive**

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

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	10 mm <sup>2</sup>
Numero di anime	3
Diametro nominale del conduttore del cavo	3,9 mm
Diametro nominale sull'isolante	5,3 mm
Diameter over screen	12,3 mm
Diametro esterno min	15,0 mm
Diametro esterno max	17,2 mm
Peso approssimativo del cavo	560 kg/km

**Caratteristiche elettriche**

Massima resistenza el. del cond. a 20°C in c.c.	1,83 Ohm/km
Maximum DC resistance of the conductor at 90°C	2,330 Ohm/km
Reattanza a 50 Hz	0,079 Ohm/km
Short Circuit Current 0,3 s Max	2,6 kA
Short Circuit Current 1 s Max	1,4 kA
Voltage Drop	3,8 V/A.km
Impedance at 50 Hz	1,83 Ohm
Calorific Power	2,9 MJ/m
Corrente ammissibile di corto circuito	- kA
Tensione nominale U <sub>o</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) 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 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**

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