



**Reference:** 10260491  
**EAN 13:** 3427580716706

#### 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 inside of the containment area (K2)**
- Overall screened (EG)
- Unarmoured (NA)

#### STANDARDS

**Product** IEC 60228

**Test** 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

##### 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.

#### Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K2 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



Senza alogeno  
IEC 60754-1; IEC 60754-2



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



Radiation resistant  
SI

**CHARACTERISTICS****Caratteristiche costruttive**

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

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	1 mm <sup>2</sup>
Numero di anime	12
Diametro nominale del conduttore del cavo	1,3 mm
Diametro nominale sull'isolante	2,4 mm
Diametro sulla guaina interna	12,5 mm
Diameter over screen	13,5 mm
Diametro esterno min	15,3 mm
Diametro esterno max	17,5 mm
Peso approssimativo del cavo	475 kg/km

**Caratteristiche elettriche**

Massima resistenza el. del cond. a 20°C in c.c.	18,1 Ohm/km
Maximum DC resistance of the conductor at 90°C	23,000 Ohm/km
Reattanza a 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	36,9 V/A.km
Calorific Power	3,4 MJ/m

**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
Radiation resistant	Si
Temperatura massima di servizio del conduttore	90 °C
Nuclear Classification	K2

**SELLING AND DELIVERY INFORMATION**

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations

**Marking**

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