



**Reference:** 10254509  
**EAN 13:** 3427580707605

#### 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



Densità' 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	3
Diametro nominale del conduttore del cavo	1,3 mm
Diametro nominale sull'isolante	2,4 mm
Diametro sulla guaina interna	7 mm
Diameter over screen	8,0 mm
Diametro esterno min	10,1 mm
Diametro esterno max	11,4 mm
Peso approssimativo del cavo	205 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	1,8 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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