



**Reference:** 10194037  
**EAN 13:** 3427580560194

### CONTACT

Markets and Products Information  
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.15/0.25 (0.3)kV
- **Cables installed outside of the containment area (K3)**
- Overall Screen (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).

### DESIGN

Conductor: - Stranded plain copper (class 2)

Insulation: - Zero halogen (SH), cross-linked

Assembling: Polyester tape (optional)

Overall screen: - Copper wire braid (CWB) R ≥ 80%

Outer sheath:

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

### Core identification

Black cores printed with white numbers

### Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K3 SH 0.15/0.25 (0.3) kV YYYYY 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



Temp. max di servizio del conduttore  
 90 °C

**CHARACTERISTICS****Caratteristiche costruttive**

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

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	0,44 mm <sup>2</sup>
Numero di anime	19
Diametro nominale del conduttore del cavo	0,9 mm
Diametro nominale sull'isolante	1,8 mm
Diameter over screen	9,9 mm
Diametro esterno min	14,0 mm
Diametro esterno max	15,9 mm
Peso approssimativo del cavo	380 kg/km

**Caratteristiche elettriche**

Massima resistenza el. del cond. a 20°C in c.c.	36 Ohm/km
Maximum DC resistance of the conductor at 90°C	45,900 Ohm/km
Reattanza a 50 Hz	0,103 Ohm/km
Short Circuit Current 0,3 s Max	0,13 kA
Short Circuit Current 1 s Max	0,07 kA
Impedance at 50 Hz	36 Ohm
Voltage Drop	73,6 V/A.km
Calorific Power	3,6 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
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