



**Reference:** 10272431  
**EAN 13:** 3427580736582

### CONTACT

Markets and Products Information  
 rollingstock.business@lynxeogroup.com

- 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 (K1)**
- Without Screen (SE)
- 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.

### DESIGN

Conductor:

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

Insulation:

- Zero halogen (SH), cross-linked

Assembling:

- Polyester tape (optional)

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 CST 74 C 068 K1 SH 0.3/0.5(0.6) kV YYYY Manufacturing number + metric marking



Senza alogeno  
 IEC 60754-1; IEC 60754-2



Tensione nominale  
 U<sub>o</sub>/U (Um)  
 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)



Life cycle 60years  
 Si



Resistenza U.V.  
 Si



Radiation resistant  
 Si

**CHARACTERISTICS****Caratteristiche costruttive**

Materiale del conduttore	Rame nudo
Tipo di conduttore	Flessibile classe 5
Isolamento	Senza alogeni
Guaina esterna	LSZH
Senza alogeno	IEC 60754-1; IEC 60754-2

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	1,5 mm <sup>2</sup>
Numero di anime	7
Diametro nominale del conduttore del cavo	1,5 mm
Diametro nominale sull'isolante	2,7 mm
Diametro esterno min	10,9 mm
Diametro esterno max	12,5 mm
Peso approssimativo del cavo	230 kg/km

**Caratteristiche elettriche**

Massima resistenza el. del cond. a 20°C in c.c.	13,3 Ohm/km
Maximum DC resistance of the conductor at 90°C	16,900 Ohm/km
Reattanza a 50 Hz	0,098 Ohm/km
Short Circuit Current 0,3 s Max	0,39 kA
Short Circuit Current 1 s Max	0,21 kA
Voltage Drop	27,2 V/A.km
Impedance at 50 Hz	13,3 Ohm
Calorific Power	2,6 MJ/m
Tensione nominale U <sub>o</sub> /U (U <sub>m</sub> )	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)
Life cycle 60years	Si
Resistenza U.V.	Si
Radiation resistant	Si
Loss of coolant accident resistant	Si
Temperatura massima di servizio del conduttore	90 °C
Nuclear Classification	Class 1 E LOCA /K1

**SELLING AND DELIVERY INFORMATION**

Minimum bending radius:

10 x outer diameter

To be doubled during laying operations