



### CONTACT

Markets and Products Information  
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- Instrumentation cables 150/250(300) V
- CST 74C068
- Zero halogen (SH)
- **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 instrumentation cables allow connection to a variety of measurement equipment. Many of them require anti-inductive screen (EMI).

### CONSTRUCTION

#### Design

Conductor:

Stranded bare copper (class 2)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

#### Core identification

Black cores printed with white numbers

#### Marking

LYNXEO 279 Nber of pairs, triads or quads & cross-section Cu EG CST 74 C 068 00 K3 SH 0.15/0.25 (0.3) kV YYYY Manufacturing number + metric marking



Halogen free  
IEC 60754-1



Rated Voltage U<sub>o</sub>/U  
(Um)  
150 / 250 (300) V



**Standard**

IEC 60332-3-23 (B) Smoke density  
NF C 32070 C1; IEC EN/IEC 61034-2  
60332-3-24 (cat.B)



Electro magnetic  
interference resistance  
Yes



Operating temp.  
-20 ... 60 °C



Max. conductor temp.in  
service  
90 °C

Quality insurance according of RCC-E

### CHARACTERISTICS

#### Construction characteristics

Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	Halogen-free
Screen	Copper Braid
Outer sheath	Halogen free
Halogen free	IEC 60754-1

#### Dimensional characteristics

Conductor cross-section	0.5 mm <sup>2</sup>
Conductor diameter	0.9 mm
Diameter over insulation	1.9 mm
Diameter over screen	11.3 mm
Minimum outer diameter	14.0 mm
Maximum outer diameter	15.5 mm
Approximate weight	310 kg/km

#### Electrical characteristics

Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	150 / 250 (300) V
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#### Usage characteristics

Fire retardant	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Smoke density	EN/IEC 61034-2
Electro magnetic interference resistance	Yes
Operating temperature, range	-20 ... 60 °C
Max. conductor temperature in service	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

2 pair cables (QE) assembled as a quad (1, 3, 2, 4)

#### Marking

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 KV YYYY Manufacturing number + metric marking



Halogen free  
IEC 60754-1



Rated Voltage U<sub>o</sub>/U  
(U<sub>m</sub>)  
150 / 250 (300) V



Fire retardant  
NF C 32070 C1; IEC  
60332-3-24 (cat.B)



Smoke density  
EN/IEC 61034-2



Electro magnetic  
interference resistance  
Yes



Operating temp.  
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Max. conductor temp.in  
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