



### CONTACT

Market information  
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- Instrumentation cables 300/500 (600) V
- CST 74C068
- Zero halogen (SH)
- Cables installed inside of the containment area (K1)
- 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:

Flexible bare copper (class 5)

##### Insulation:

Cross-linked halogen free (SH)

##### Assembling tape (optional):

##### Inner sheath:

Low smoke, zero halogen (LSZH)

##### Overall screen:

Copper wire braid (CWB)

##### Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

#### Core identification

Black cores printed with white numbers



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
300 / 500 V

#### Marking

LYNXEO 279 Nber of pairs, or triads & cross-section Cu 74 C 068  
 00 K1 SH 0.3/0.5 (0.6) kV YYY Y Manufacturing number + metric marking

阻燃  
NF C 32070 C1;  
IEC 60332-3-23  
(cat. B)



烟密度  
EN/IEC 61034-2



抗电磁干扰  
是



Life cycle  
60years  
是



耐辐射  
Yes



LOCA  
是

#### Standard

IEC 60332-3-23 (B)

#### Quality insurance according to RCC-E

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx<sup>eo</sup> is indicative only and shall not be binding on Lynx<sup>eo</sup> or be treated as constituting a representation on the part of Lynx<sup>eo</sup>.

## CHARACTERISTICS

## 结构特性

导体材料	裸铜
导体类型	Flexible, Classe 5
绝缘	无卤
内护套	Halogen free compound
屏蔽	Copper Braid
外护套	无卤
无卤	IEC 60754-1

## 尺寸特性

导线截面	1 mm <sup>2</sup>
导线直径	1.3 mm
绝缘外径	2.58 mm
Diameter over inner sheath	7.6 mm
Diameter over screen	8.45 mm
外径最小值	10.6 mm
Maximum outer diameter	12.1 mm
近似重量	223 kg/km

## 电气特性

额定电压U <sub>0</sub> /U	300 / 500 V
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## 使用特性

阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
烟密度	EN/IEC 61034-2
抗电磁干扰	是
Life cycle 60years	是
耐辐射	Yes
Loss of coolant accident resistant	是
芯线最高静止温度	90 ° C
操作温度范围	-20 ... 60 ° C
Nuclear Classification	Class 1 E LOCA /K1

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

8 x outer diameter  
To be doubled during laying operations

2 pair cables (QE) are assembled as a quad (1.3.2.4)



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
300 / 500 V



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



烟密度  
EN/IEC 61034-2



抗电磁干扰  
是



Life cycle  
60years  
是



耐辐射  
Yes



LOCA  
是

### Marking

LYNXEO 279 Nber of pairs or triads & cross-section Cu EG CST 74 C 068 00 K1 SH 0.3/0.5 (0.6)  
 kV YYYY Manufacturing number + metric marking



无卤  
IEC 60754-1



额定电压 $U_0/U$   
300 / 500 V



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



烟密度  
EN/IEC 61034-2



抗电磁干扰  
是



Life cycle  
60years  
是



耐辐射  
Yes



LOCA  
是