



### CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com

Low voltage cables CST 74C068 for nuclear power plants, 0.6/1kV halogen-free. These cables are intended to be installed outside the containment area (K1).

### STANDARDS

Product IEC 60228

Test IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

### APPLICATIONS

These low voltage cables are used for lighting system power supply, engine power supply and solenoid valve power supply.

### DESIGN

Conductor: Stranded bare copper or aluminium (class 2)

Insulation: Cross-linked halogen free (SH)

Covering (optional): Halogen free

Outer sheath: Low smoke, zero halogen (LSZH)  
Colour: Blue

Core identification

According to HD308 S2

Marking

LYNXEO 279 Nber of cores & cross-section Cu/Al CST 74 C 068 00 K3 SH 0.6/1 (1.2) kV YYYY Manufacturing number + metric marking

### STANDARD

IEC 60332-3-23(B)

Quality insurance according to RCC-E



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
0.6/ 1 (1.2) kV



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



烟密度  
EN/IEC 61034-2



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C

## CHARACTERISTICS

## 结构特性

导体材料	裸铜
导体类型	Stranded, class 2
绝缘	无卤
外护套	无卤
无卤	IEC 60754-1
有绿/黄芯线	无

## 尺寸特性

导线截面	50 mm <sup>2</sup>
芯线数	3
导线直径	8.2 mm
绝缘外径	10.2 mm
外径最小值	26.8 mm
Maximum outer diameter	29.6 mm
近似重量	1977 kg/km

## 电气特性

额定电压U <sub>0</sub> /U	0.6/ 1 (1.2) kV
-----------------------	-----------------

## 使用特性

阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
烟密度	EN/IEC 61034-2
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	90 ° C
Nuclear Classification	Class 1 E Non LOCA/K3

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

8 x outer diameter

To be doubled during laying operations



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
0.6/ 1 (1.2) kV



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



烟密度  
EN/IEC 61034-2



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C