



### CONTACT

Market information  
 industryprojects.business@lynx<sup>eo</sup>group.com

- Medium voltage cables 6/6 (7.2) kV
- CST 74C068
- Zero halogen (SH)
- Cables installed inside of the containment area (K1)
- Unarmoured (NA)

### STANDARDS

Product IEC 60228; IEC 60502-2

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

### APPLICATIONS

These medium voltage cables are used for medium voltage power supply,

### DESIGN

#### Design

##### Conductor:

Stranded bare copper or aluminium (class 2)

##### Screen:

Semi-conductor

##### Insulation:

Ethylene Propylene Rubber (EPR)

##### Assembling sheath:

Halogen free

##### Inner sheath:

Halogen free

##### Screen:

Semi-conductor

Copper tape

##### Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: Black

### Core identification



无卤  
IEC 60754-1



额定电压U<sub>o</sub>/U  
6/6(7.2) kV



阻燃

NF C 32070 C1;  
IEC 60332-3-24  
(cat. 2)



烟密度

EN/IEC 61034-2



Life cycle  
60years



耐辐射

Yes



LOCA

是



芯线最高静止温度

90 °C

3x natural cores printed with black numbers  
 Marking  
 Life cycle 60 years  
 耐辐射 Yes  
 LOCA 是  
 芯线最高静止温度 90 °C  
 Nbr of cores & cross-section Cu/Al  
 CST 74 C 068 00 K1 SH 6/6(7.2)  
 RV YYYY Manufacturing number + metric marking

## 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

## 尺寸特性

导线截面	50 mm <sup>2</sup>
芯线数	3

## 电气特性

额定电压U <sub>0</sub> /U	6/6(7.2) kV
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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
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

Reference Name	导体材料	Nb. of cores	Cross section [mm <sup>2</sup> ]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 MT 6/6kV 3x50 Cu2 K1 NA	裸铜	3	50	42.9	47.3	3374

## 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  
6/6(7.2) kV



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



烟密度  
EN/IEC 61034-2



Life cycle  
60years  
是



耐辐射  
Yes



LOCA  
是



芯线最高静止温度  
90 ° C