



### CONTACT

Market information  
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- 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

3x: natural cores printed with black numbers

### Marking



Halogen free  
IEC 60754 - 1



Uo/U  
(Um)  
6/6(7.2) kV



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



EN/IEC 61034 - 2



Life cycle 60years  
Yes



Radiation  
resistant  
Yes



LOCA  
Yes



Max. conductor  
temp.in service  
90 ° C

### STANDARDS

#### Standard

All drawings, designs, specifications, plans and particulars of weights, size and dimensions are contained in 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>.

Quality insurance according to RCC - E

## CHARACTERISTICS

	2 ( )
Halogen free	IEC 60754 - 1
	50 mm <sup>2</sup>
	3
Diameter over screen	39.0 mm
Minimum outer diameter	42.9 mm
Maximum outer diameter	47.3 mm
( )	3374 kg/km
U <sub>0</sub> /U (U <sub>m</sub> )	6/6(7.2) kV
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B) EN/IEC 61034 - 2
Life cycle 60years	Yes
Radiation resistant	Yes
Loss of coolant accident resistant	Yes
Max. conductor temperature in service	90 °C
操作度范	- 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



Halogen free  
IEC 60754 - 1



U<sub>0</sub>/U  
(U<sub>m</sub>)  
6/6(7.2) kV



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