



**Reference:** 10215353  
**EAN 13:** 3427580634222

#### CONTACT

Market information  
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- Medium voltage cables 6/6 (7.2) kV
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- 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

LYN<sup>EO</sup> 279 150 3x150 Alu2 K3 SH 6/6(7.2) kV YYY YYY Manufacturing number + metric marking



Halogen free  
 IEC 60754-1



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



Fire retardant



Smoke density  
 EN/IEC 61034-2



Operating temp.  
 -20 ~ 60 °C



Max. conductor temp.in service

#### STANDARD

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

#### Construction characteristics

Conductor material	Aluminum
Type of conductor	Stranded, class 2
Insulation	Halogen-free
Outer sheath	Halogen-free
Halogen free	IEC 60754-1

#### Dimensional characteristics

Conductor cross-section	150 mm <sup>2</sup>
Number of cores	3
Minimum outer diameter	58.4 mm
Maximum outer diameter	64.4 mm
Approximate weight	4845 kg/km
Diameter over screen	53.6 mm

#### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (Um)	6/6(7.2) kV
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#### Usage characteristics

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

8 x outer diameter  
To be doubled during laying operations



Halogen free  
IEC 60754-1



Rated Voltage U<sub>0</sub>/U (Um)  
6/6(7.2) kV



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NF C 32070 C1; IEC 60332-3-24  
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