



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



Halogen free
IEC 60754-1



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



Fire retardant

IEC 60332-3-24



Smoke density

EN/IEC 61034-2



Operating temp.

-20 ~ 60 °C



Max. conductor temp. in service

50 °C

Marking

LYN^{EO} 279 (cat.B) Number of cores & cross-section Cu/Al CST 74 068 00 K3 SH 6/6(7.2) kV YYY YYY Manufacturing number + metric marking

STANDARD

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

IEC 60332-3-23(B)

CHARACTERISTICS

Construction characteristics

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

Electrical characteristics

Rated Voltage U _o /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

ALUMINIUM CONDUCTOR

Reference	Name	Nb. of cores	Cross section [mm ²]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10215352	74C068 SH MT 6/6kV 3x50 Alu2 K3 NA	3	50	43.5	47.9	2475
10215353	74C068 SH MT 6/6kV 3x150 Alu2 K3 NA	3	150	58.4	64.4	4845
10215351	74C068 SH MT 6/6kV 3x185 Alu2 K3 NA	3	185	62.9	69.3	625
10216539	74C068 SH MT 6/6kV 3x240 Alu2 K3 NA	3	240	66.9	73.8	6481

COPPER CONDUCTOR

Reference	Name	Nb. of cores	Cross section [mm ²]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	74C068 SH MT 6/6kV 3x50 Cu2 K3 NA	50	3	42.9	47.3	3374

SELLING AND DELIVERY INFORMATION

Minimum bending radius:



Halogen free
IEC 60754-1



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



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



Smoke density
EN/IEC 61034-2



Operating temp.
-20 ... 60 °C



Max. conductor temp.in service
90 °C

8 x outer diameter
To be doubled during laying operations



Halogen free
IEC 60754-1



Rated Voltage U_0/U_m
6/6(7.2) kV



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



Smoke density
EN/IEC 61034-2



Operating temp.
-20 ... 60 °C



Max. conductor temp. in
service
90 °C