



CONTACT

Market information
 industryprojects.business@lynxéogroup.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

CHARACTERISTICS

2 ()



Halogen free
 IEC 60754 - 1



Uo/U (Um)
 0.6/ 1 (1.2) kV



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



EN/IEC 61034 - 2



Operating temp.
 - 20 ... 60 ° C



Max. conductor temp.in
 service
 90 ° C

Halogen free	IEC 60754 - 1
With Green/Yellow core	
	4 mm ²
	2
	2.55 mm
Diameter over insulation	3.95 mm
Minimum outer diameter	11.8 mm
Maximum outer diameter	13.2 mm
()	291 kg/km
Uo/U (Um)	0.6/ 1 (1.2) kV
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)
	EN/IEC 61034 - 2
操作度范	- 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



Uo/U (Um)
0.6/ 1 (1.2) kV



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



EN/IEC 61034 - 2



Operating temp.
- 20 ... 60 ° C



Max. conductor temp.in
service
90 ° C