



**Reference:** 10176151  
**EAN 13:** 3427580463266

#### CONTACT

Market information  
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- Low voltage cables 0.6/1 (1.2) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- Armoured (NA)

#### 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. They are well adapted to under ground use.

#### DESIGN

##### Design

###### Conductor:

Stranded bare copper or aluminium (class 2)

###### Insulation:

Cross-linked halogen free (SH)

###### Covering (optional):

Flame retardant filler material

###### Inner sheath:

Low smoke, zero halogen (LSZH)

###### Armour:

Steel tape (STA) or aluminium tape (ATA) for 1 core cable

###### Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: Blue

#### Core identification

According to HD308 S2

#### Marking

LYNXEO 279 Nbr of cores & Cross-section Cu/Al Armé CST 74C 068 00 K3 SH 0.6/1 (1.2) kV YYYY Manufacturing number + metric marking



Senza alogeno  
IEC 60754-1



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



Fuoco ritardante  
NF C 32070 C1; IEC  
60332-3-23 (cat.B)



Densita' fumo  
EN/IEC 61034-2



Temperatura Operativa  
-20 ... 60 °C



Temp. max di servizio del  
conduttore  
90 °C

#### STANDARD

#### Standard

All drawings (including specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of LynxEO is indicative only and shall not be binding on LynxEO or be treated as constituting a representation on the part of LynxEO. Quality insurance according to ISO 9001

**CHARACTERISTICS****Caratteristiche costruttive**

Materiale del conduttore	Rame nudo
Tipo di conduttore	A trefoli, Classe 2
Isolamento	Senza alogeni
Guaina esterna	Senza alogeni
Senza alogeno	IEC 60754-1
Con anima giallo/verde (terra)	N

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	6 mm <sup>2</sup>
Numero di anime	4
Diametro nominale del conduttore del cavo	2,95 mm
Diametro nominale sull'isolante	4,31 mm
Diametro sull'armatura	14,0 mm
Diametro esterno min	17,1 mm
Diametro esterno max	19,8 mm
Peso approssimativo del cavo	648 kg/km

**Caratteristiche elettriche**

Tensione nominale U <sub>o</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV
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**Caratteristiche d'utilizzo**

Fuoco ritardante	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Densita' fumo	EN/IEC 61034-2
Temperatura Operativa	-20 ... 60 °C
Temperatura massima di servizio del conduttore	90 °C
Nuclear Classification	Class 1 E Non LOCA/K3

**SELLING AND DELIVERY INFORMATION**

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations



Senza alogeno  
IEC 60754-1



Tensione nominale U<sub>o</sub>/U (U<sub>m</sub>)  
0.6/ 1 (1.2) kV



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



Densita' fumo  
EN/IEC 61034-2



Temperatura Operativa  
-20 ... 60 °C



Temp. max di servizio del  
conduttore  
90 °C