



Reference: 10176409
Country Ref.: 01272432
EAN 13: 3427580465741

CONTACT

Market information
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- Instrumentation cables 300/500(600) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- Overall Screen (EG)
- Unarmoured (NA)

STANDARDS

Product IEC 60228

Test IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These instrumentation cables allow connection to a variety of measurement equipment. Many of them require anti-inductive screen (EMI).

DESIGN

Conductor:

Flexible bare copper (class 5)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

Core identification

Black cores printed with white numbers

STANDARD

IEC 60332-3-23(B)

Quality insurance according to RCC-E



Halogen free
IEC 60754-1



Rated Voltage U_o/U
(Um)
300/500 V



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



Smoke density
EN/IEC 61034-2



Electro magnetic
interference resistance
Yes



Operating temp.
-20 ... 60 °C



Max. conductor temp.in
service
90 °C

CHARACTERISTICS

Construction characteristics

| | |
|--------------------|--------------------|
| Conductor material | Plain copper |
| Type of conductor | Flexible, Classe 5 |
| Insulation | Halogen-free |
| Screen | Copper Braid |
| Outer sheath | Halogen free |
| Halogen free | IEC 60754-1 |

Dimensional characteristics

| | |
|--------------------------|-------------------|
| Conductor cross-section | 1 mm ² |
| Conductor diameter | 1.3 mm |
| Diameter over insulation | 2.58 mm |
| Diameter over screen | 6.3 mm |
| Minimum outer diameter | 8.0 mm |
| Maximum outer diameter | 9.3 mm |
| Approximate weight | 123 kg/km |

Electrical characteristics

| | |
|---|-----------|
| Rated Voltage U _o /U (U _m) | 300/500 V |
|---|-----------|

Usage characteristics

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

- 10 x outer diameter
- To be doubled during laying operations

2 pair cables (QE) assembled as a quad (1, 3, 2, 4)

Marking

LYNXEO 279 Nber of pairs, triads or quads & cross-section Cu EG CST 74 C 068 00 K3 SH 0.3/0.5 (0.6)
 kV YYYY Manufacturing number + metric marking



Halogen free
IEC 60754-1



Rated Voltage U_o/U
(U_m)
300/500 V



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