



CONTACT

Market information
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- Instrumentation cables 300/500 (600) V
- CST 74C068
- Zero halogen (SH)
- Cables installed inside of the containment area (K1)
- 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).

CONSTRUCTION

Design

Conductor:

Flexible bare copper (class 5)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Inner sheath:

Low smoke, zero halogen (LSZH)

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

Core identification

Black cores printed with white numbers



无卤
IEC 60754-1



额定电压U₀/U
300 / 500 V



Marking

LYNXEO 279 Nber of pairs, or triads & cross-section
 00 K1 SH 0.3/0.5 (0.6) kV YYY Y Manufacturing number + metric marking
 阻燃 烟密度 抗电磁干扰
 NF C 32070 C1; EN/IEC 61034-2
 IEC 60332-3-23 (cat. B)

Standard

IEC 60332-3-23 (B)



Life cycle
60years
是



耐辐射
Yes



LOCA
是

Quality insurance according to RCC-E

All drawings, designs, 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.

CHARACTERISTICS

结构特性

| | |
|------|-----------------------|
| 导体材料 | 裸铜 |
| 导体类型 | Flexible, Classe 5 |
| 绝缘 | 无卤 |
| 内护套 | Halogen free compound |
| 屏蔽 | Copper Braid |
| 外护套 | 无卤 |
| 无卤 | IEC 60754-1 |

尺寸特性

| | |
|----------------------------|-------------------|
| 导线截面 | 1 mm ² |
| 导线直径 | 1.3 mm |
| 绝缘外径 | 2.58 mm |
| Diameter over inner sheath | 19.6 mm |
| Diameter over screen | 20.6 mm |
| 外径最小值 | 23.1 mm |
| Maximum outer diameter | 26.2 mm |
| 近似重量 | 837 kg/km |

电气特性

| | |
|-----------------------|-------------|
| 额定电压U ₀ /U | 300 / 500 V |
|-----------------------|-------------|

使用特性

| | |
|------------------------------------|--|
| 阻燃 | NF C 32070 C1; IEC 60332-3-24 (cat. B) |
| 烟密度 | EN/IEC 61034-2 |
| 抗电磁干扰 | 是 |
| Life cycle 60years | 是 |
| 耐辐射 | Yes |
| Loss of coolant accident resistant | 是 |
| 芯线最高静止温度 | 90 ° C |
| 操作温度范围 | -20 ... 60 ° C |
| Nuclear Classification | Class 1 E LOCA /K1 |

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

8 x outer diameter
To be doubled during laying operations

2 pair cables (QE) are assembled as a quad (1.3.2.4)



无卤
IEC 60754-1



额定电压U₀/U
300 / 500 V



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



烟密度
EN/IEC 61034-2



抗电磁干扰
是



Life cycle
60years
是



耐辐射
Yes



LOCA
是

Marking

LYNXEO 279 Nber of pairs or triads & cross-section Cu EG CST 74 C 068 00 K1 SH 0.3/0.5 (0.6)
 kV YYYY Manufacturing number + metric marking



无卤
IEC 60754-1



额定电压U₀/U
300 / 500 V



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



烟密度
EN/IEC 61034-2



抗电磁干扰
是



Life cycle
60years
是



耐辐射
Yes



LOCA
是