



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 Cu
 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	13.8 mm
Diameter over screen	14.8 mm
外径最小值	17.1 mm
Maximum outer diameter	19.3 mm
近似重量	480 kg/km

电气特性

额定电压U ₀ /U	300 / 500 V
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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