



- Instrumentation cables 170/300 V
- Overall Screen (OS)
- Lead free
- Aliphatic and aromatic hydrocarbons resistant

STANDARDS

Test IEC 60332-3-22 Cat. A

APPLICATIONS

These instrumentation and communication cables are used to transmit analogue or digital signals in measurement and process control in moist areas and where aliphatic and aromatic hydrocarbons may be present. They are well adapted to underground use in industrial applications where chemical and mechanical protections are needed (refinery areas, chemical plant...). Hypron® offers an alternative to conventional lead sheathed cable and is an environmental friendly solution..

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

Binder tape

Bedding

Inner sheath:

Polyvinyl chloride (PVC)

Colour: black

Overall screen/sealing barrier:

Tinned copper drain wire

Aluminium backed polyethylene tape

Bedding:

High density polyethylene (PE)

Colour: black

Special sheath (intermediate sheath):

Polyamide

CONTACT

Market information
industryprojects.business@lynxgroup.com



无铅
是



额定电压 U_0/U
170/300V



Armour:

Galvanized steel wires (SWA)



Outer sheath:

Polyvinyl chloride (PVC)
耐化学物质
Aliphatic and aromatic hydrocarbons resistant
(cat. A)



抗电磁干扰
是



操作温度
-20 ... 60 °C



芯线最高静止温度
90 °C

Colour: black

Other colour on request

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx^{eo} is indicative only and shall not be binding on Lynx^{eo} or be treated as constituting a representation on the part of Lynx^{eo}.

Pair: white - black

Quad: white - black - red - blue (2 pair cables assembled as a quad)

CHARACTERISTICS

结构特性

导体材料	裸铜线
导体类型	Stranded, class 2
绝缘	XLPE (Cross-linked Polyethylene)
内护套	聚氯乙烯
总屏蔽	Tinned copper drain wire + aluminium/polyethylene tape
垫层材料	HDPE
中间护套	Polyamide
铠装类型	镀锌钢丝
外护套	聚氯乙烯
无铅	是
防护	Yes

尺寸特性

线对数	2
导线截面	1.5 mm ²
导线直径	1.5 mm
绝缘外径	2.16 mm
Diameter over inner sheath	7.7 mm
Diameter over intermediate sheath	10.9 mm
铠装外径	12.7 mm
外径最小值	18.1 mm
Maximum outer diameter	20.0 mm
近似重量	597 kg/km

电气特性

额定电压U ₀ /U	170/300V
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机械特性

机械耐冲击性能	好
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使用特性

阻燃	EN IEC 60332-3-22 (cat A)
耐化学物质	Aliphatic and aromatic hydrocarbons resistant
抗电磁干扰	是
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	90 ° C
标准	EN



无铅
是



额定电压U₀/U
170/300V



机械耐冲击性能
好



阻燃
EN IEC 60332-3-22
(cat A)



耐化学物质
Aliphatic and aromatic
hydrocarbons
resistant



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SELLING AND DELIVERY INFORMATION

Other fire performances IEC 60332-1 or IEC 60332-3-24(C) on request.

Minimum bending radius:

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

Tinned copper conductors available on request



无铅
是



额定电压 U_0/U
170/300V



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(cat A)



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