



Reference: 10168631  
EAN 13: 3427580412394

### CONTACT

Market information  
industryprojects.business@lynxgroup.com  
xeogroup.com

- Instrumentation cables 170/300 V
- Individual & Overall Screen (IOS)
- Oil resistant

### STANDARDS

Test IEC 60332-3-22 Cat. A

### APPLICATIONS

These Instrumentation and communication are used to transmit analogue or digital signals in measurement and process control. They are well adapted tounderground use in industrial applications where chemical and mechanical protections are needed (refinery areas, chemical plant...). The individual screening of each pair limits the consequence of crosstalk.

### Design

#### Conductor:

Stranded bare copper class 2

#### Insulation:

Cross-linked polyethylene (XLPE)

#### Individual screen:

Polyester tape

Tinned copper drain wire

Aluminium backed polyester tape

Polyester tape

#### Overall screen:

Polyester tape

Tinned copper drain wire

Aluminium backed polyester tape

#### Inner sheath:

Polyvinyl chloride (PVC)

#### Armour:

Galvanized steel wires (SWA)

#### Outer sheath:

Polyvinyl chloride (PVC)



额定电压U<sub>0</sub>/U  
170/300V



机械冲击性能好



Colour: black

Other colour on request

阻燃  
EN IEC 60332-3-22  
(Cat. A)



耐油



抗电磁干扰是



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C

### Core identification

Pair: white - black

White core printed with pair number

### Marking

All designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx<sup>eo</sup> is intended to be used as a reference for the manufacturing of the cable. The marking on the cable shall be as follows: EN 50288-7 XLPE IOS Armoured 10x2x2,5 + manufacturing number + metric marking

## 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)
线对屏蔽	Tinned copper drain wire + aluminium/polyester tape
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
内护套	聚氯乙烯
铠装类型	镀锌钢丝
外护套	聚氯乙烯
防护	Yes

## 尺寸特性

线对数	10
导线截面	2.5 mm <sup>2</sup>
导线直径	1.91 mm
绝缘外径	2.57 mm
Diameter over inner sheath	21.1 mm
铠装外径	23.6 mm
外径最小值	26.2 mm
Maximum outer diameter	28.9 mm
近似重量	1391 kg/km

## 电气特性

额定电压U <sub>0</sub> /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)
耐油	是
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

## SELLING AND DELIVERY INFORMATION

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

Minimum bending radius:



额定电压U<sub>0</sub>/U  
170/300V



机械耐冲击性能  
好



阻燃  
EN IEC 60332-3-22  
(cat A)



耐油  
是



抗电磁干扰  
是



操作温度  
-20 ... 60 °C



芯线最高静止温度  
90 °C

10 x outer diameter  
To be doubled during laying operations

Tinned copper conductors available on request



额定电压 $U_0/U$   
170/300V



机械耐冲击性能  
好



阻燃  
EN IEC 60332-3-22  
(cat A)



耐油  
是



抗电磁干扰  
是



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C