



- Instrumentation cables 170/300 V
- With lead cover (LC)
- Individual & Overall Screen (IOS)
- 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. They are well adapted to underground use in industrial applications, in moist areas, where hydrocarbon and mechanical protection are needed. The lead cover brings an enhanced resistance to aromatics hydrocarbons. 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)

Colour: black

Lead sheath:

Bedding (intermediate sheath):

Polyvinyl chloride (PVC)

Colour: black

阻燃
IEC 60332-3-22
(cat. A)

耐化学物质
Aliphatic and
aromatic
hydrocarbons
resistant

Galvanized steel wire armor (SWA)

Outer sheath:

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}.

Other colour on request.

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com



额定电压 U_0/U
170/300V



机械冲击性能
好



Polyvinyl chloride (PVC)

Colour: black

阻燃
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
-20 ... 60 ° C



芯线最高静止温度
90 ° C

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
Lead Sheath	Yes
中间护套	PVC
铠装类型	镀锌钢丝
外护套	聚氯乙烯
防护	Yes

电气特性

额定电压 U_0/U	170/300V
--------------	----------

机械特性

机械耐冲击性能	好
---------	---

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

SECTION 0.5MM²

Reference	nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diameter over lead sheath [mm]	Diam. intermediate sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	5	0.9	1.38	9.8	11.6	13.6	15.4	17.8	19.7	867
	30	0.9	1.38	19.8	22.2	24.2	26.7	29.2	32.2	2401



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)



耐化学物质
Aliphatic and aromatic hydrocarbons resistant



抗电磁干扰
是



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C

SECTION 0.75MM²

Reference	nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diameter over lead sheath [mm]	Diam. intermediate sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	30	1.1	1.58	22.3	24.7	26.7	29.2	31.8	35.1	2811

SECTION 1.0MM²

Reference	nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diameter over lead sheath [mm]	Diam. intermediate sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	30	1.28	1.76	24.4	27	29.4	31.9	34.6	38.2	3504

SECTION 1.5MM²

Reference	nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diameter over lead sheath [mm]	Diam. intermediate sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	30	1.5	2.16	29.3	32.1	34.5	37.7	40.4	44.6	4506

SECTION 2.5MM²

Reference	nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diameter over lead sheath [mm]	Diam. intermediate sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
	30	1.91	2.57	34.1	37.3	40.1	44.1	47.0	51.9	6219

SELLING AND DELIVERY INFORMATION

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

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations



额定电压U₀/U
170/300V



机械冲击性能好



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
-20 ... 60 °C



芯线最高静止温度
90 °C

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)



耐化学物质
Aliphatic and
aromatic
hydrocarbons
resistant



抗电磁干扰
是



操作温度
-20 ... 60 °C



芯线最高静止温度
90 °C