



CONTACT

Market information
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- 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 cable 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. Hypron® offers an alternative to conventional lead covered 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

Outer sheath:

Polyvinyl chloride (PVC).

Colour: black.

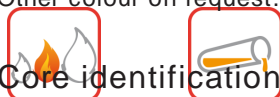
Other colour on request.



Lead free



Uo/U (Um)
170/300V



Fire retardant
EN IEC 60332 - 3 - 22 Cat.A
Chemical resistance
Aliphatic and aromatic hydrocarbons resistant



Core identification
Quad: white - black
White core printed with pair number



Electro magnetic interference
Yes



Operating temp.
-20 ... 60 °C



Max. conductor temp. in service
90

Marking

All dimensions in mm unless otherwise specified. Dimensions are given in metric marking only. Dimensions are indicative only and shall not be binding on Lynx^{eo} or be treated as constituting a representation of the part of Lynx^{eo}.

Standards

CHARACTERISTICS

	2 ()	
	XLPE(가)	
Overall screen	Tinned copper drain wire + aluminium/polyethylene tape	
Material of bedding	HDPE	
Intermediate sheath	Polyamide	
Lead free Protection	no	
Number of pairs	10	
	1.5 mm ²	
	1.5 mm	
Diameter over insulation	2.16 mm	
Diameter over inner sheath	17.7 mm	
Diameter over intermediate sheath	21.2 mm	
Minimum outer diameter	26.4 mm	
Maximum outer diameter	29.1 mm	
()	844 kg/km	
Uo/U (Um)	170/300V	
Fire retardant	EN IEC 60332 - 3 - 22 (cat A)	
Chemical resistance	Aliphatic and aromatic hydrocarbons resistant	
Electro magnetic interference resistance	Yes	
操作度范	- 20 ... 60 ° C	
Max. conductor temperature in service	90 ° C	
Standard	EN	

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



Lead free



Uo/U (Um)
170/300V



Fire retardant
EN IEC 60332 - 3 - 22
(cat A)



Chemical resistance
Aliphatic and aromatic hydrocarbons resistant



Electro magnetic interference resistance
Yes



Operating temp.
- 20 ... 60 ° C



Max. conductor temp.in service
90 ° C

Tinned copper conductors available on request



Lead free



U_o/U (U_m)
170/300V



Fire retardant
EN IEC 60332 - 3 - 22
(cat A)



Chemical resistance
Aliphatic and
aromatic
hydrocarbons
resistant



Electro magnetic
interference
resistance
Yes



Operating temp.
-20 ... 60 °C



Max. conductor
temp. in service
90 °C