



- Instrumentation cables 170/300 V
- Individual & Overall Screen (IOS)
- Oil 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 where chemicals may be present. 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

Outer sheath:

Polyvinyl chloride (PVC).

Colour: black.

Other colour on request.

Core identification

Pair: white - black

White core printed with pair number

Marking

NEXANS 279 XLPE/IND.+OA, SCR/PVC 170/300V Nber of pairs & cross - section
 Cu IEC 60332 - 3 - 22(A) MM YYYY Manufacturing number + metric marking

Standards

EN 50288 - 7 (Design guide - lines)

CONTACT

Market information
 industryprojects.business@lyn
 xeogroup.com



Uo/U (Um)
 170/300V



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



Oil resistance



Electro magnetic
 interference resistance



Operating temp.
 -20 ... 60 ° C



Max. conductor temp.in
 service
 90 ° C

CHARACTERISTICS

| | |
|--|---|
| | 2 () |
| | XLPE(가) |
| Individual screen | Tinned copper drain wire + aluminium/polyester tape |
| Overall screen | Tinned copper drain wire + aluminium/polyester tape |
| Protection | no |
| Number of pairs | 30 |
| | 0.75 mm ² |
| | 1.1 mm |
| Diameter over insulation | 1.58 mm |
| Minimum outer diameter | 23.2 mm |
| Maximum outer diameter | 25.6 mm |
| () | 899 kg/km |
| U _o /U (U _m) | 170/300V |
| Fire retardant | EN IEC 60332 - 3 - 22 (cat A) |
| Oil resistance | Yes |
| 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) and enhanced hydrocarbon resistance on request.

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

Tinned copper conductors available on request



U_o/U (U_m)
170/300V



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



Oil resistance
Yes



Electro magnetic
interference resistance
Yes



Operating temp.
- 20 ... 60 ° C



Max. conductor temp. in
service
90 ° C