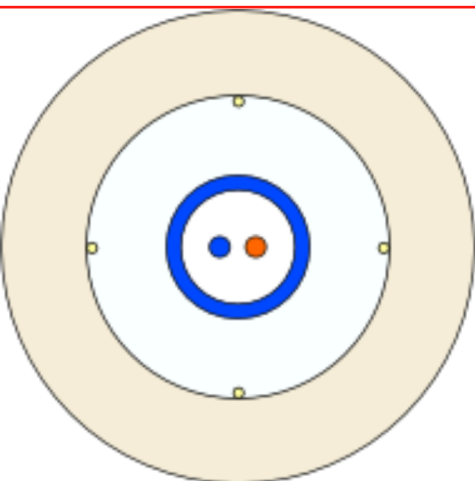




Nexans art.nr.: 10505276

El.nr.: 1082146

GTIN: 5420059941195

Bøyeinsensitiv Unibundle kabel med vannblokkerende glassgarn

## STANDARDS

**Produkt** IEC 60794

**Test** EN 50399 B2; IEC 60332-1; IEC 60332-3; IEC 60754-1; IEC 61034

This unibundle cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

This cable can be operated under a large temperature range.

## Design

This SC-B2 LSZH\* SP1766 cable has a central bundle with 2 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH\* sheath.

## Fibre type

The SC-B2 LSZH\* SP1766 cable is available with multimode and singlemode fibres.

## Technical performances

The unibundle cable performances are specified in the following tables.

## Additional details

This cable is provided with an ivory sheath. Long exposure to UV with this colour could generate colour fading.

## Euroclass

B2ca s1 d0 a1

\* LSZH: Low Smoke Zero Halogen.



Halogenfri  
IEC 60754-1



Motstandsevne støt  
10 impacts of 3  
N.m



Flammehemmende  
IEC 60332-1



Brannbegrensende  
IEC 60332-3



Røyketthet  
IEC 61034-2



Motstandsdyktighet  
mot UV  
Meget god



Vannrett  
Longitudinal &  
radial



Inst. temp. range  
0 ... 40 °C

## KARAKTERISTIKKER

### Konstruksjonsegenskaper

|                                             |                        |
|---------------------------------------------|------------------------|
| Konstruksjons type                          | Unibundle              |
| Fibertype                                   | SM (G657.A1)           |
| Materiale brukt for langsgående vanntetthet | Watertight glass yarns |
| Additional strength member                  | Glass yarn             |
| Ytre kappe                                  | LSZH                   |
| Halogenfri                                  | IEC 60754-1            |
| Metallfri                                   | Ja                     |
| Farge                                       | Hvit                   |

### Dimensjonsegenskaper

|                        |          |
|------------------------|----------|
| Nominell ytre diameter | 4,1 mm   |
| Diameter område        | - mm     |
| Vekt (ca.)             | 21 kg/km |
| Antall optiske fibre   | 2        |

### Mekaniske egenskaper

|                                         |                     |
|-----------------------------------------|---------------------|
| Maximum installation tension            | 750 N               |
| Maks. permanent strekk                  | 0,2 kN              |
| Motstand mot sammenpressing (IEC 794-1) | 200 N/cm            |
| Motstandsevne støt                      | 10 impacts of 3 N.m |

### Bruksegenskaper

|                                 |                       |
|---------------------------------|-----------------------|
| Flammehemmende                  | IEC 60332-1           |
| Brannbegrensende                | IEC 60332-3           |
| Røyktetthet                     | IEC 61034-2           |
| Motstandsdyktighet mot UV       | Meget god             |
| Vanntett                        | Longitudinal & radial |
| Installasjonsmetode             | Innen- og utendørs    |
| Installation temperature, range | 0 ... 40 °C           |
| Lagringstemperatur område       | -40 ... 60 °C         |
| Driftstemperatur område         | -30 ... 60 °C         |
| Min. statisk bøyeradius         | 15 mm                 |
| Bøyeradius v/ installasjon      | 15 mm                 |

## SALGS- OG LEVERINGSINFORMASJON

### Standard Marking

Nexans - FIBRE OPTIC CABLE - SC-B2 LSZH B2ca s1 d0 a1SP1766 - XXxYY - FB - TN - metric

XX = Fibre Count YY = Fibre Type FB = Frameries, Belgium (manufacturing place) TN = Traceability Number