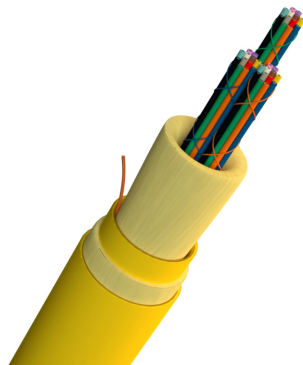


## OFYX™ Fiber optic cable Single-mode OS2, Indoor/Outdoor, 48 core, Loose Tube, LSZH, Non-Armoured

MODEL NUMBER : FCOFYX-SM1L3NNS048F



### Specifications :

| Clasificación del producto |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional Availability      | Asia   Europe   Middle East   Africa , Asia   Europe   Middle East   Africa                                                                                                                                                                                                                                                       |
| Portfolio                  | OFYX®, OFYX®                                                                                                                                                                                                                                                                                                                      |
| Product Type               | Fiber Indoor/Outdoor cable , Fiber Indoor/Outdoor cable                                                                                                                                                                                                                                                                           |
| Product Series             | SM Fiber , SM Fiber                                                                                                                                                                                                                                                                                                               |
| Especificaciones generales |                                                                                                                                                                                                                                                                                                                                   |
| Subunit Type               | Gel-free , Gel-free                                                                                                                                                                                                                                                                                                               |
| Flame Rating               | Flame-retardant   non-corrosive/low-smoke   zero-halogen (FRNC/LSZH) material , Flame-retardant   non-corrosive/low-smoke   zero-halogen (FRNC/LSZH) material                                                                                                                                                                     |
| Cable Type                 | Tight Buffer Tube , Tight Buffer Tube                                                                                                                                                                                                                                                                                             |
| Construction Type1         | Non-armored. , Non-armored.                                                                                                                                                                                                                                                                                                       |
| Application                | General building applications , General building applications                                                                                                                                                                                                                                                                     |
| Cable Design               |                                                                                                                                                                                                                                                                                                                                   |
| Fiber Count                | 24F , 24F                                                                                                                                                                                                                                                                                                                         |
| Number of ripcords         | 1 ripcord , 1 ripcord                                                                                                                                                                                                                                                                                                             |
| Fibre colouring            | Blue-orange-green-brown-grey-white-red-black-yellow-Violet-pink-turquoise-blue*-orange*-green*-brown*-grey*-white*-red*-black*-yellow*-violet*-pink*-Turquoise* , Blue-orange-green-brown-grey-white-red-black-yellow-Violet-pink-turquoise-blue*-orange*-green*-brown*-grey*-white*-red*-black*-yellow*-violet*-pink*-Turquoise* |

|                                             |                                                                                                                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fiber per tube                              | 1F , 1F                                                                                                                                                                                     |
| Outer jacket colour                         | Yellow , Yellow                                                                                                                                                                             |
| Central element                             | Yarn , Yarn                                                                                                                                                                                 |
| Outer Jacket Material                       | Flame-retardant   non-corrosive/low-smoke   silicon-free   zero-halogen (FRNC/LSZH) material , Flame-retardant   non-corrosive/low-smoke   silicon-free   zero-halogen (FRNC/LSZH) material |
| <b>Mechanical Specifications</b>            |                                                                                                                                                                                             |
| Minimum Bend Radius, operation              | 135 mm , 135 mm                                                                                                                                                                             |
| Nominal outer diameter                      | 9.1 mm , 9.1 mm                                                                                                                                                                             |
| Max. tensile strength for installation      | 2000 N , 2000 N                                                                                                                                                                             |
| Crush resistance                            | 1500 N/10 cm , 1500 N/10 cm                                                                                                                                                                 |
| Minimum Bend Radius, installation           | 160 mm , 160 mm                                                                                                                                                                             |
| <b>Optical Specifications</b>               |                                                                                                                                                                                             |
| Fibre category                              | OS2 , OS2                                                                                                                                                                                   |
| Cable cutoff wavelength                     | 1260 nm , 1260 nm                                                                                                                                                                           |
| Fibre name                                  | OFYX , OFYX                                                                                                                                                                                 |
| Fibre compliance                            | ITU-T G.652.D/G.657.A1 , ITU-T G.652.D/G.657.A1                                                                                                                                             |
| Dispersion @ 1550 nm                        | 18 nm , 18 nm                                                                                                                                                                               |
| Dispersion @ 1625 nm                        | 22 nm , 22 nm                                                                                                                                                                               |
| Maximum Attenuation                         | 0.4 dB/km / 0.4 dB/km / 0.3 dB/km , 0.4 dB/km / 0.4 dB/km / 0.3 dB/km                                                                                                                       |
| Wavelengths                                 | 1310 nm / 1383 nm / 1550 nm , 1310 nm / 1383 nm / 1550 nm                                                                                                                                   |
| Fibre Type                                  | Single-mode , Single-mode                                                                                                                                                                   |
| <b>Environmental Specifications</b>         |                                                                                                                                                                                             |
| Temperature range, installation             | -10 °C to 60 °C (14 °F to 140 °F) , -10 °C to 60 °C (14 °F to 140 °F)                                                                                                                       |
| Temperature range, operation                | -30 °C to 70 °C (-22 °F to 158 °F) , -30 °C to 70 °C (-22 °F to 158 °F)                                                                                                                     |
| Temperature range, storage                  | -40 °C to 70 °C (-40 °F to 158 °F) , -40 °C to 70 °C (-40 °F to 158 °F).                                                                                                                    |
| <b>Regulatory Compliance/Certifications</b> |                                                                                                                                                                                             |
| Design and Test Criteria                    | ANSI/ICEA S-104-696   NFPA 262 (for plenum - riser and general building applications). , ANSI/ICEA S-104-696   NFPA 262 (for plenum - riser and general building applications).             |
| ROHS                                        | Free of hazardous substances according to RoHS 2011/65/EU , Free of hazardous substances according to RoHS 2011/65/EU                                                                       |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals and Listings | Flame retardant according to IEC 60332-1-2 (single cable)   IEC 60332-3-24 (bunch of cables)   Low smoke according to IEC 61034   Non-corrosive according to IEC 60754-2   Reaction to fire according to EN 50575 and EN 13501-6 , Flame retardant according to IEC 60332-1-2 (single cable)   IEC 60332-3-24 (bunch of cables)   Low smoke according to IEC 61034   Non-corrosive according to IEC 60754-2   Reaction to fire according to EN 50575 and EN 13501-6 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|