

OFYX™ Fiber optic cable Single-mode OS2,  
Indoor/Outdoor, 48 core, Tight Buffer, CMP,  
Dielectric Armoured

MODEL NUMBER : FCOFYX-SM1T1DNS048F



Specifications :

| Classement du produit    |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| Regional Availability    | Asia   Europe   Middle East   Africa                                                 |
| Portfolio                | OFYX®                                                                                |
| Product Type             | Fiber Indoor/Outdoor cable                                                           |
| Product Series           | SM Fiber                                                                             |
| Spécifications générales |                                                                                      |
| Subunit Type             | Gel-free                                                                             |
| Flame Rating             | Plenum (OFNP)                                                                        |
| Cable Type               | Single Tube                                                                          |
| Construction Type1       | Dielectric Armour                                                                    |
| Application              | Aerial   Direct Buried   Duct   General Purpose Horizontal   Vertical Riser   Plenum |
| Cable Design             |                                                                                      |
| Fiber Count              | 48F                                                                                  |
| Number of ripcords       | 2 ripcords                                                                           |
| Fiber per tube           | 12F                                                                                  |
| Outer jacket colour      | Black.                                                                               |
| Outer Jacket Material    | Flame-Retardant   UV-Resistant                                                       |

|                                                     |                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| Tensile Strength Elements and/or Armoring - Layer 1 | Dielectric strength members                                                            |
| Tube Color                                          | Yellow..                                                                               |
| REACH Regulation                                    | REACH Declaration                                                                      |
| <b>Mechanical Specifications</b>                    |                                                                                        |
| Minimum Bend Radius, operation                      | 74 mm (2.91 in)                                                                        |
| Nominal outer diameter                              | 7.4 mm (0.29 in )                                                                      |
| Max. tensile strength for installation              | 1350 N (303.49 lbf)                                                                    |
| Minimum Bend Radius, installation                   | 111 mm (4.37 in)                                                                       |
| <b>Optical Specifications</b>                       |                                                                                        |
| Fibre category                                      | OS2                                                                                    |
| Cable cutoff wavelength                             | 1260 nm                                                                                |
| Fibre name                                          | OFYX                                                                                   |
| Fibre compliance                                    | ITU-T G.652.D/G.657.A1                                                                 |
| Dispersion @ 1550 nm                                | 18 nm                                                                                  |
| Dispersion @ 1625 nm                                | 22 nm                                                                                  |
| Maximum Attenuation                                 | 0.4 dB/km / 0.4 dB/km / 0.3 dB/km                                                      |
| Wavelengths                                         | 1310 nm / 1383 nm / 1550 nm                                                            |
| Fibre Type                                          | Single-mode                                                                            |
| <b>Environmental Specifications</b>                 |                                                                                        |
| Temperature range, installation                     | 0 °C to 60 °C (32 °F to 140 °F )                                                       |
| Temperature range, operation                        | -40 °C to 70 °C (-40 °F to 158 °F )                                                    |
| Temperature range, storage                          | -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). |
| ROHS                                                | Free of hazardous substances according to RoHS 2011/65/EU                              |
| Approvals and Listings                              | National Electrical Code® (NEC®) OFNP   CSA FT-6.                                      |