

OFYX™ Fiber optic cable Single-mode OS2,  
Outdoor, 4 core, Single Tube, CM, Dielectric  
armour

MODEL NUMBER : FCOFYX-SM2S2DNS004F



Specifications :

| Produkt Klassifikation   |                                      |
|--------------------------|--------------------------------------|
| Regional Availability    | Asia   Europe   Middle East   Africa |
| Portfolio                | OFYX®                                |
| Product Type             | Fiber outdoor cable                  |
| Product Series           | SM Fiber                             |
| Allgemeine Spezifikation |                                      |
| Subunit Type             | Gel-free                             |
| Cable Type               | Single Tube                          |
| Construction Type1       | Dielectric Armour                    |
| Application              | Duct                                 |
| Cable Design             |                                      |
| Fiber Count              | 4                                    |
| Number of ripcords       | 2 ripcords                           |
| Fibre colouring          | Blue-orange-green-brown              |
| Fiber per tube           | 4F                                   |
| Outer jacket colour      | Black.                               |

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Outer jacket material                       | Linear Low Density Polyethylene (LLDPE)                   |
| Tape                                        | Water-swellable                                           |
| Tensile strength elements and/or armouring  | Corrugated steel tape armour                              |
| <b>Mechanical Specifications</b>            |                                                           |
| Minimum Bend Radius, operation              | 70 mm                                                     |
| Nominal outer diameter                      | 7 mm                                                      |
| Max. tensile strength for installation      | 2000 N                                                    |
| Crush resistance                            | 1500 N/10 cm                                              |
| Minimum Bend Radius, installation           | 140 mm                                                    |
| <b>Optical Specifications</b>               |                                                           |
| Fibre category                              | OS2                                                       |
| Cable cutoff wavelength                     | 1260 nm                                                   |
| Fibre name                                  | OFYX                                                      |
| Fibre compliance                            | ITU-T G.652.D and ITU-T G.657.A1                          |
| Dispersion @ 1550 nm                        | 18 nm                                                     |
| Dispersion @ 1625 nm                        | 22 nm                                                     |
| Maximum Attenuation                         | 0.34 dB/km / 0.34 dB/km / 0.20 dB/km                      |
| Wavelengths                                 | 1310 nm / 1383 nm / 1550 nm                               |
| Fibre Type                                  | Single-mode                                               |
| <b>Environmental Specifications</b>         |                                                           |
| Temperature range, installation             | -5 °C to 50 °C                                            |
| Temperature range, operation                | -20 °C to 60 °C                                           |
| Temperature range, storage                  | -25 °C to 70 °C                                           |
| <b>Regulatory Compliance/Certifications</b> |                                                           |
| ROHS                                        | Free of hazardous substances according to RoHS 2011/65/EU |
| Approvals and Listings                      | IEC 60794-3-11                                            |
| Waterblocking                               | IEC 60794-1-2                                             |