

## OFYX™ Fiber optic cable Single-mode OS2, Outdoor, 144 core, Loose Tube, CM, Dielectric armour

MODEL NUMBER : FCOFYX-SM2L2DNS144F



### Specifications :

| 产品分类                  |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Regional Availability | Asia   Europe   Middle East   Africa                                      |
| Portfolio             | OFYX®                                                                     |
| Product Type          | Fiber outdoor cable                                                       |
| Product Series        | SM Fiber                                                                  |
| 一般规格                  |                                                                           |
| Subunit Type          | Gel-free                                                                  |
| Cable Type            | Loose tube                                                                |
| Construction Type1    | Dielectric Armour                                                         |
| Application           | Duct                                                                      |
| Cable Design          |                                                                           |
| Fiber Count           | 144                                                                       |
| Number of ripcords    | 2 ripcords                                                                |
| Fibre colouring       | Blue-orange-green-Brown-grey-white-red-black-yellow-violet-pink-turquoise |
| Fiber per tube        | 12F                                                                       |

|                                            |                                                              |
|--------------------------------------------|--------------------------------------------------------------|
| Outer jacket colour                        | Black.                                                       |
| Outer jacket material                      | High Density Polyethylene (HDPE)                             |
| Tape                                       | Water-swellable                                              |
| Tensile strength elements and/or armouring | tape armour                                                  |
| Tube colour coding, layer 1                | Blue. Orange. Green. Brown. Grey. White. Red. Black. Yellow. |
| Mechanical Specifications                  |                                                              |
| Minimum Bend Radius, operation             | 126 mm                                                       |
| Nominal outer diameter                     | 12.6 mm                                                      |
| Max. tensile strength for installation     | 4000 N                                                       |
| Crush resistance                           | 1500 N/10 cm                                                 |
| Minimum Bend Radius, installation          | 252 mm                                                       |
| Optical Specifications                     |                                                              |
| 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                                                  |
| Environmental Specifications               |                                                              |
| Temperature range, installation            | -5 °C to 50 °C                                               |
| Temperature range, operation               | -20 °C to 60 °C                                              |
| Temperature range, storage                 | -25 °C to 70 °C                                              |
| Regulatory Compliance/Certifications       |                                                              |

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| ROHS                   | Free of hazardous substances according to RoHS 2011/65/EU |
| Approvals and Listings | IEC 60794-3-11                                            |
| Waterblocking          | IEC 60794-1-2                                             |