

**OFYX™ Fiber optic cable Single-mode OS2,  
Outdoor, 12 core, Single Tube, CM, Armoured,  
Corrugated steel**

MODEL NUMBER : **FCOFYX-SM2S2ACS012F**



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            | Single Tube                                                               |
| Construction Type1    | Corrugated steel armour                                                   |
| Application           | Direct Buried   Duct                                                      |
| Environment           | Outdoor                                                                   |
| Cable Design          |                                                                           |
| Fiber Count           | 12F                                                                       |
| 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 | 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              | 85 mm                                                     |
| Nominal outer diameter                      | 8.5 mm                                                    |
| Max. tensile strength for installation      | 2700 N                                                    |
| Crush resistance                            | 2000 N/10 cm                                              |
| Minimum Bend Radius, installation           | 170 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                                             |