

# SPARX® Fiber optic cable Multi-mode OM5, Outdoor, 72 core, Loose Tube, CM, Dielectric armour,

MODEL NUMBER : FCSPARX-M52L2DNS072F



## Specifications :

| Produkt Klassifikation   |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| Regional Availability    | Asia   Europe   Middle East   Africa                                      |
| Portfolio                | SPARX®                                                                    |
| Product Type             | Fiber outdoor cable                                                       |
| Product Series           | MM Fiber                                                                  |
| Allgemeine Spezifikation |                                                                           |
| Subunit Type             | Gel-free                                                                  |
| Cable Type               | Loose tube                                                                |
| Construction Type1       | armour                                                                    |
| Application              | Direct Buried   Duct                                                      |
| Cable Design             |                                                                           |
| Fiber Count              | 72                                                                        |
| 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.                                                     |
| <b>Mechanical Specifications</b>            |                                                           |
| Minimum Bend Radius, operation              | 100 mm                                                    |
| Max. tensile strength for installation      | 600 N                                                     |
| Crush resistance                            | 2500 N/10 cm                                              |
| Minimum Bend Radius, installation           | 200 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                                             |