

## Outdoor microduct optical fibre cable

### TS06723



-not to scale-

#### Cable Design

According to IEC/EN 60794

- **Central Strength Member (CSM):** glass fibres reinforced plastic rod (GRP).
- **Tubes:** thermoplastic material containing 24 bend insensitive single mode optical fibres and filled with a suitable water tightness compound.
- **Stranding:** loose tubes, SZ stranded around the CSM.
- **Longitudinal Water Tightness:** water swellable materials (dry core).
- **Outer Sheath:** UV resistant HDPE.

#### Cable Application

These outdoor Sirocco<sup>HD</sup> microduct optical fibre cables are optimized for installation by blowing into microducts and protected microducts. Please contact your sales representative for ordering guides and installation information.

#### Technical Data

| No. of Fibres       |         | 192                            | 288     | 432                     | 552     | 576                  |
|---------------------|---------|--------------------------------|---------|-------------------------|---------|----------------------|
| Design              | -       | 8 x 24                         | 12 x 24 | 18 x 24                 | 23 x 24 | 24 x 24              |
| Cable Diameter – Ø  | mm      | 5.8                            | 7.4     | 8.0                     | 8.7     | 9.5                  |
| Cable Weight        | kg / km | 35                             | 51      | 60                      | 72      | 85                   |
| Tensile Performance | N       | 500                            |         |                         |         |                      |
| Temperature Range   | °C      | Transport & Storage: -40 → +70 |         | Installation: -10 → +50 |         | Operation: -30 → +60 |

#### Optical Characteristics

See the attached 200µm cabled optical fibre data sheet.

#### Identification

|                 |  |
|-----------------|--|
| Fibres Colours: | Customized upon agreement.   |
| Tubes Colours:  | Customized upon agreement.   |
| Sheath Colour:  | The standard outer sheath colour is black.   |
| Sheath Marking: | The outer sheath is marked in 1-meter or 2-feet intervals according to customer request. |

#### Logistic

|                           |   |
|---------------------------|---|
| Standard Packing:         | Wooden drums with protection.                             |
| Standard Delivery Length: | 4 km. Other delivery lengths are available upon agreement |

© Prysmian Group 2021, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.