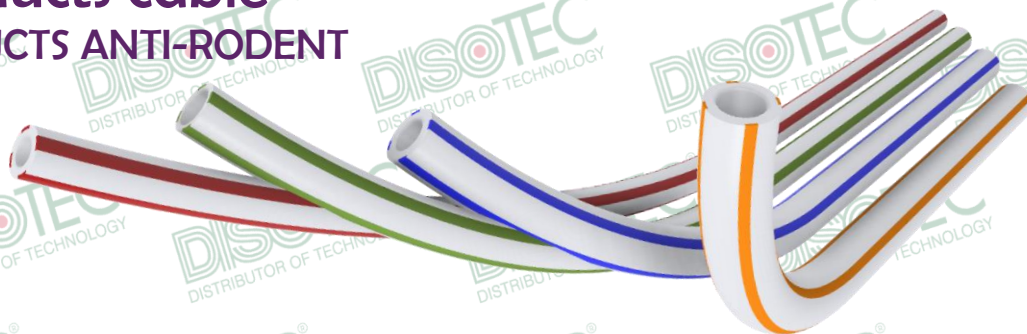


## Miniducts cable

### MINIDUCTS ANTI-RODENT



DISOTEC microducts, available in a wide range of dimensions, are intended for protection of optical microcables. Inner surface is made from a special silicon compound added to HDPE in order to achieve extremely low friction coefficient.

- **Colour**

DISOTEC customized microducts are produced in natural translucent version for an immediate check of the presence of the microcables inside the tube. Microducts are produced with 4 longitudinal stripes orange color, in option other colours can be chosen.



- **Marking**

Each individual duct inkjet printed with standard marking.  
Outer sheath of bundles is inkjet printed in black color on entire length.  
Printing is repeated after each 1 m.

- **Packing**

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.  
Weather resistant label on each reel.

- **Treatment**

The anti-rodent versions are obtained by adding a special "RODREPEL" masterbatch to high density polyethylene (HDPE). The RODREPEL additive is a non-toxic and non-hazardous component for the environment, developed specifically for polymers in particular for polyethylene. The dispersion of the RODREPEL additive over the entire thickness of the pipe, guarantees unaltered effectiveness for the entire life of the hose. An extremely low toxicity, non-carcinogenic, non-mutagenic, low hazard, animal aversive and anti-rodent compound are characteristics of this masterbatch.

| DESCRIPTION<br>MINIDUCTS | INSTALLATION                 | LENGTH<br>ON REEL<br>[m] | OUTER<br>SHEATH<br>MATERIAL<br>UV RESISTANT | NOMINAL<br>Outer<br>diameter<br>[mm] | NOMINAL<br>Min Inner<br>diameter<br>[mm] | NOMINAL<br>THICKNESS<br>[mm] | WEIGHT<br>[kg/km] | BEND<br>RADIUS<br>Min<br>[mm] | INSTALLATION<br>Max PULLING<br>FORCE<br>[kN] | Blow ball<br>Test<br>100% Passed<br>[mm] |
|--------------------------|------------------------------|--------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|------------------------------|-------------------|-------------------------------|----------------------------------------------|------------------------------------------|
| 7/4                      | DIRECT INSTALL               | 3000 m                   | HDPE                                        | 7±0.1                                | 3.9 mm                                   | 1.5 mm                       | 25 kg/km          | 70 mm                         | 0.35 kN                                      | Ø 3.5 mm                                 |
| 8/6                      | DIRECT INSTALL               | 4000 m                   | HDPE                                        | 8±0.1                                | 6.0 mm                                   | 1.0 mm                       | 21 kg/km          | 80 mm                         | 0.25 kN                                      | Ø 5.0 mm                                 |
| 12/8                     | DIRECT BURIED/DIRECT INSTALL | 1400 m                   | HDPE                                        | 12± 0.1                              | 7.9 mm                                   | 2.0 mm                       | 60 kg/km          | 120 mm                        | 1.19 kN                                      | Ø 5.0 mm                                 |
| 12/10                    | DIRECT INSTALL               | 2000 m                   | HDPE                                        | 12± 0.1                              | 9.9 mm                                   | 1.0 mm                       | 34 kg/km          | 120 mm                        | 0.50 kN                                      | Ø 8.0 mm                                 |
| 10/6                     | DIRECT BURIED/DIRECT INSTALL | 2500 m                   | HDPE                                        | 10± 0.1                              | 6.0 mm                                   | 2.0 mm                       | 48 kg/km          | 100 mm                        | 0.68 kN                                      | Ø 5.0 mm                                 |
| 10/8                     | DIRECT INSTALL               | 2500 m                   | HDPE                                        | 10± 0.1                              | 7.9 mm                                   | 1.0 mm                       | 27 kg/km          | 100 mm                        | 0.42 kN                                      | Ø 5.0 mm                                 |
| 14/10                    | DIRECT BURIED/DIRECT INSTALL | 1500 m                   | HDPE                                        | 14± 0.1                              | 9.9 mm                                   | 2.0 mm                       | 72 kg/km          | 140 mm                        | 1.00 kN                                      | Ø 8.0 mm                                 |
| 14/12                    | DIRECT INSTALL               | 1500 m                   | HDPE                                        | 14± 0.1                              | 11.9 mm                                  | 1.0 mm                       | 70 kg/km          | 140 mm                        | 0.85 kN                                      | Ø 8.0 mm                                 |
| 16/10                    | DIRECT BURIED/DIRECT INSTALL | 1200 m                   | HDPE                                        | 16± 0.1                              | 9.9 mm                                   | 3.0 mm                       | 116 kg/km         | 160 mm                        | 1.50 kN                                      | Ø 8.0 mm                                 |
| 16/12                    | DIRECT BURIED/DIRECT INSTALL | 1200 m                   | HDPE                                        | 16± 0.1                              | 11.9 mm                                  | 2.0 mm                       | 84 kg/km          | 160 mm                        | 1.30 kN                                      | Ø 8.0 mm                                 |
| 20/16                    | DIRECT BURIED/DIRECT INSTALL | 1000 m                   | HDPE                                        | 20± 0.1                              | 15.9 mm                                  | 2.0 mm                       | 107 kg/km         | 200 mm                        | 1.00 kN                                      | Ø 12.0 mm                                |

**Info** Request information for product availability.

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