

## 2LINE Micro cable

### 2LINE- CBL-AU-Mikro-12-A1-d2.5-

Article no.: TBD2-Mikro

Fibre optic microcables are designed for installation in microduct systems. With their small outer diameter and lightweight cable construction, they enable space-saving installation and can be efficiently blown in over long distances using compressed air. For outdoor use.



Picture may differ from selected product

## Facts

### Dimensions:

- Standard cable lengths: 4 and 6 km (others available on request)

### Properties:

- Fibre type: 9/125 G.657.A1
- Outer jacket: Black HDPE (high-density polyethylene)
- Minimum bending radius (unloaded):  $10 \times D$
- Minimum bending radius (loaded):  $20 \times D$
- Temperature range (storage):  $-20\text{ °C}$  to  $+70\text{ °C}$
- Temperature range (operation):  $-20\text{ °C}$  to  $+70\text{ °C}$

## Tests/Standards:

- Tensile test IEC 60794-1-2-E1: 150 N, 1 min, reversible damping change ( $\Delta\alpha$ ), no damage.
- Crush test IEC 60794-1-2-E3: 500 N, 5 min, 3 repetitions, reversible damping change, no damage.
- Impact test IEC 60794-1-2-E4: 1 J, bending radius = 300 mm, 3 repetitions, reversible change in damping, no damage.
- Repeated bending stress IEC 60794-1-2-E6: bending radius =  $20 \times D$ , 25 N, 25 cycles, reversible attenuation change, no damage.
- Temperature change test IEC 60794-1-2-F1:  $-20\text{ }^{\circ}\text{C}$  to  $+60\text{ }^{\circ}\text{C}$ , 8 h per cycle,  $\Delta\alpha \leq 0.10\text{ dB/km}$ , no damage.

## Features

|                              |                                 |
|------------------------------|---------------------------------|
| Cable diameter:              | $2,5 \pm 0,15$                  |
| Fiber count:                 | 12                              |
| Weight:                      | $8 \pm 3\text{ kg/km}$          |
| Fiber diameter with coating: | $250 \pm 15\text{ }\mu\text{m}$ |