



**ALLTECH BOHEMIA  
CABLE LUBRICANT**

Alltech Bohemia CB a.s.

J.Lomského 777/13  
CZ 370 06 Č. Budějovice 5

T 00420 384 794586

[albo@abcb.eu](mailto:albo@abcb.eu)  
[www.abcb.eu](http://www.abcb.eu)



## Cable lubricant LENS-10 SPECIFICATION

LENS 10 is a special lubricant for improving the gliding properties when installing fiber optic mini- and microcables. This special lubricant is just as well suited for use on the blow-in machine. LENS 10 is a water-based product with high sliding efficiency, which drastically reduces friction. LENS 10 adheres very well to the cable surface and to the inner side of the tube. The resulting lubricating film increases the sliding effect.

Product use: Fiber optic cable, cable and duct pre-lubrication.

LENS 10 is particularly effective in this area due to specific additives to greatly reduce friction.

### Quantities for 1,000 m cable length

Inner diameter of the tube in mm	Required amount in ml	Wet surface of the pipe inside in cm
4	5	30
8	10	20
12	15	15

The actual amount used depends on the quality of the inner surface of the pipe.

### Application:

Shake the contents of the bottle well before use. Pre-lubricate the pipe with a small sponge, which is pressed with the help of air compresses. Then push the cable into the pipe or into the channel.

This special lubricant is also suitable for lubricating the fiber optic cables when used with blowing machines and oil dispensers during the cable sliding process.

LENS 10 is mainly used to lubricate the glass fiber optics before use with the blow molding machine. However, it depends on the design of the blow molding machine and the respective machine type.

### Technical specification consisting of an emulsion with water and various polymers.

Appearance	White milky liquid with low viscosity
odor	characteristic
Viscosity at 20 ° C	30 sec., Measurement with Ford cup, 4mm nozzle
specific weight	1.030 + - 0.03 gr / cm <sup>3</sup>
PH value	7.5 + - 0.5
inflammable	not flammable
working temperature	0 ° + 70 ° C.

### Container

Code LENS 10.05  
Code LENS 10.5

1 bottle á 0,50kg  
Canister 5,00kg