

## Installation Tool for Air Blown Fiber

LTT 179 2011



### Features

- Class leading installation performance in combination with Hexatronic Air Blown Fiber
- Installation speed of up to 150 m/min
- Portable and Lightweight
- Easy to use and virtually calibration free design
- Low noise
- For all Hexatronic Air Blown Fibers 1-12 fibers
- For microduct dimensions 3, 5 and 7 mm.

### Application

The Air Blown Fiber Installation Tool is used for the installation of Air Blown Fibers into microducts. This unique, easy-to-handle and lightweight tool is designed for optimal performance in combination with all available fiber units and microducts in the Hexatronic Ribbonet® Air Blown Fiber System

### Design

The blowing tool consists of a body that guides and feeds the fiber unit into the microduct. The tool uses both compressed air and an electric motor to feed the fiber. An adjustable magnetic coupling limits feeding force on fiber to avoid damage in case of a sudden stop. A Li-Ion battery pack, fitted in the tool handle, powers the motor. The motor speed and direction is controlled by a trigger switch on the handle.

The tool is designed to be used with Hexatronic Air Blown Fibers only. Fiber units with 1-12 fibers can be installed. Nozzles for 3/2mm, 5/3.5mm and 7/3.5mm microducts are included.

The blowing tool is normally fed with dry compressed air. The compressed air is connected to the tool with a ¼" standard (CEJN) quick connector. For optimal installation performance, an air flow of 80 l/min and a nominal pressure of 8 bar is required.

For shorter distances, a smaller compressor or a portable pressure canister with a reduction valve can be used. For very short distances (up to 50 m) such as in small multi dwelling units, the fiber can be fed by the integrated electrical motor only, without using any compressed air supply at all.



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### Contents of LTT 179 2011 Kit

- Blowing tool
- Battery charger
- Two Li-Ion batteries
- Set of air filter and valve
- Small toolbox with tools and common replacement parts
- Fiber guide sets for up to  $\leq 1.3$  mm and  $\leq 1.6$  mm fiber units
- Nozzles for 3 mm, 5 mm and 7 mm microducts
- Microduct cutter
- User guide
- Carrying case

### Fiber Units

The Hexatronic Air Blown Fiber units are available either as pre-connected (with a fiber connector in the end) or without connectors. The pre-connected fibers are delivered in small lightweight reels that are conveniently fitted on the reel holder of the tool.

### Performance

The installation distance and performance depends on several parameters such as number of bends, radius of each bend, temperature, humidity, air pressure, type of fiber unit etc. In normal situations, a blowing distance of typically 1000 m can be expected in combination with Hexatronic Air Blown Fiber and Hexatronic microducts. The maximum installation speed varies depending on distance and is typically 80-120 m/min (max 150 m/min).

### Ordering Information

PRODUCT NUMBER	TYPE
LTT 179 2011	Air Blown Fiber Installation Tool

### Accessories / Spare Parts

PRODUCT NO.	TYPE
NTB 101 116	Tripod with ball joint
NTB 101 082	Service kit with rubber rings, nozzles etc.
NTB 101 083/1	Fiber guide set up to 1.3 mm diameter (1-4 fiber units)
NTB 101 083/2	Fiber guide set up to 1.6 mm diameter (6-12 fiber units)