Air Blown Fiber Installation Tool

Handheld Blowing Tool For Hextronic Stingray ABF (Ø1.0-1.6 mm)

Features

- Class leading installation performance in combination with Hexatronic Stingray Air Blown Fiber
- Divisible blowing head for pre-terminated blown fiber
- Installation speed of up to 150 m/min
- Portable and lightweight
- Easy to use and virtually calibration free design
- Low noise
- Speed locking
- Easy push-pull on reel arm
- OLED display
- For all Hexatronic Air Blown Fibers 2-24 fibers
- Includes guides for Microduct dimensions 3, 5 and 7 mm

Application

The blowing 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 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 trigger can temporarily be locked to maintain the speed when blowing.

The blowing tool is designed to be used with Hexatronic Air Blown Fiber only. Fiber units with 1-24 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 quick connector. For optimal installation performance, an air flow of 80l/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. The integrated display shows information about speed, blown length and battery capacity

Product Information

The kit consist of the following items:

- Blowing tool
- Battery charger
- Two Li-Ion batteries
- Set of air filter and valve
- Reel holder for prefabricated Stingray Reels
- Small toolbox with tools and common replacement parts
- Two fiber guide sets for 2-6 and 8-12 blown fiber units are included
- Nozzles for 3 mm, 5 mm and 7 mm microducts
- Microduct cutter
- User guide
- Carrying case

FIber guide set for 24 fiber blown fibers is available as an optional accessory (not included)

Technical Information

Conformance	CE & RoHS Compliant
Installation Notes	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).

Technical Details

Accessory Case

Carrying Case

Articles 10

Article name	Color	Weight [kg]
Air Blown Fiber Installation Tool LTT1792040	Dark blue	6.3
Duct Holder, 7 mm HSXA136131/3	–	–
Air Blown Fiber Tool w Duct Holder 7mm LTT1792040/7	–	6.5
ABT Tripod and ball joint NTB101116	–	3.5
ABT Fiber Guide: upper narrow (2-6 fiber ABF) SXA1139428/1	–	0.05
ABT Fiber Guide lower narrow (2-6 fiber ABF) SXA1139427/1	–	0.05
ABT Fiber guide upper wide (8-12 fiber ABF) SXA1139428/2	–	0.05
ABT Fiber guide lower wide (8-12 fiber ABF) SXA1139427/2	–	0.05
ABT Fiber guide upper extra wide (24 fiber ABF) SXA1139428/3	–	0.05
ABT Fiber guide lower extra wide (24 fiber ABF) SXA1139427/3	–	0.05