

Air blown fiber installation tool

Ribbonet system



Contents of fiber blowing kit

(10.4 Kg, 55 x 42 x 20 cm)

1. Fiber blowing tool with battery
2. Extra battery pack
3. Battery charger
4. Spring scale (g) for clutch calibration
5. Air filter 40µ + 1µ with holder
6. Drum adapter (for small drum)
7. Flow meter
8. Micro duct cutter
9. Tube with connecting adapter for flow meter



Expandable tripod stand 0.9-2.3 m with case

(3.7 Kg, 110 cm x Φ15 cm)

Application

The Ericsson air blown fiber installation tool is required for the installation of fiber units in the Ribbonet[®] system. This unique easy-to-handle lightweight tool (2.5 Kg), the size of an electric hand drill, is designed for optimal performance using the Enhanced Performance Fiber Unit (EPFU).

The tool can be bought or rented and is delivered together with a kit in a durable carrying case. Included in a separate case is a tripod stand for installation convenience.

The blowing tool consists of a body that guides and feeds the fiber unit into the micro duct.

The tool uses both compressed air and an electric motor to feed the fiber. A battery pack (12v), fitted in the tool handle, powers the motor.

The compressed air is fitted by a ¼" standard (CEJN) quick connector for air pressure. The air can be switched on/off by a valve on the tool.

The tool is designed to handle 2, 4, or 8 fiber units to be fed into 3, or 5 mm micro-ducts using changeable adapter nozzles.

Features

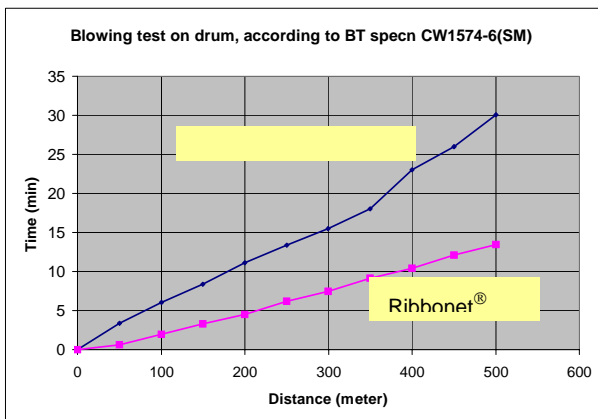
- Blows fiber with compressed air
- Small size
- Easy to handle

The blowing unit is normally fed with dry compressed air. For maximum installation capacity (up to 1 km) an air flow of 80 l/min and a nominal pressure of at least 8 bar is needed. For most installations a silent compressor with a buffer canister of approximately 25 litres is recommended (for example Jun Air 12-25 oil lubricated compressor). A smaller compressor (air flow) can be used for shorter distances. The maximum allowable pressure for the Ribbonet[®] system is 10 bar. Filters and clean tubes must be installed between the compressor and tool to ensure that no dust particles, water or oil enters the microducts.

An alternative to a compressor is to use a portable pressure canister with a reduction valve (such as scuba diving device.)

Capacity

The installation distance and performance depends on which fiber unit that is installed, the size of the duct as well as the installation case. The installation speed can under normal conditions be up to 100 m / min.




Note: It is possible to use the fiber unit for shorter distances (up to 50 m) without using any compressed air supply at all, by feeding the fiber from the motor only. This is very convenient especially for many “in building” solutions.

Fiber units

The fiber units are available either as pre-connected (with a fiber connector in the end) or without connectors. They are stored on a small light weight drum, or in a larger pan for longer distances. In the case of the fiber drum, it is assembled directly onto the blowing tool.

Installation Training

Training and Certification on the Ribbonet[®] system are available. As a certified installer you regularly have access to updated installation manuals, support etc. Contact Ericsson Network Technologies AB.

Accessories	Description	Part no.
	Blowing beads / 100 pcs	NTM50206
	Cleaning sponge/ 10 pcs	NTM50207

Description	Product number
Blowing tool kit	LTT 179 2000
Rental of kit	LTT 179 2000/1

Ribbonet[®] products

For more information about Ribbonet[®] related products such as EPFU, micro & multiducts for indoor and outdoor use, splice cabinets, duct joints, termination units etc. please refer to the product information at www.ericsson.com.