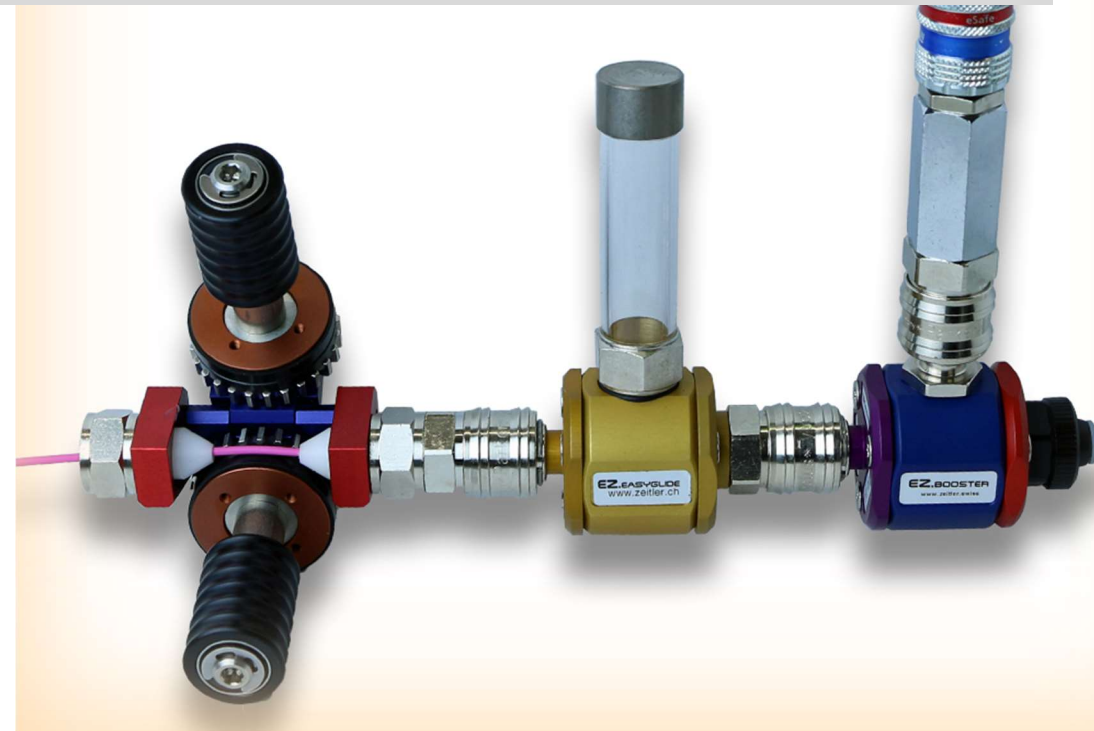# FTTx Cable Blowers

The **smart** und **safe** way

to blow cables in microducts

The Zeitler FTTx cable blow-in modules were specially developed for the growing demand of FTTx connections and are a simple, universal, practical and innovative solution for laying cables in microducts.

From the house transfer point to the distribution box, or connections from the distribution box to the office and cabling within the apartment, in one or more junction boxes. All these installations are possible with our cable blowing systems.

With high blowing performance, fiber optic cables are gently blown into conduit over several hundred meters.

Our blowing technology is modular and consists of 4 modules, which can be used individually or in combination, tailored to your specific needs..

With our FTTx blowing units, we offer you an incredibly versatile possibility to find the perfect solution for your fiber optic installation.
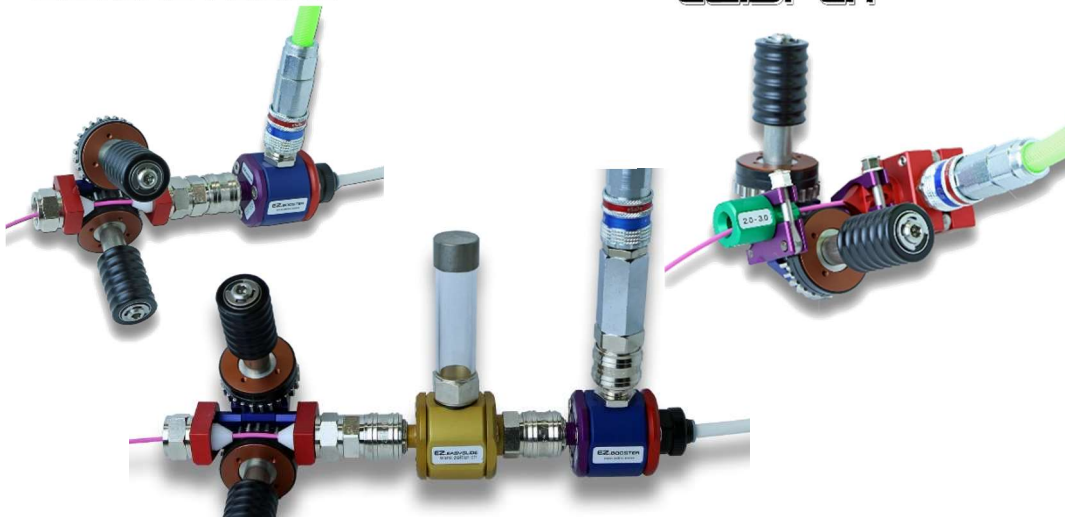
EZ.BOOSTER

EZ.SPEEDY

EZ.EASYGLIDE

EZ.SPLIT

Features

- Cost-efficient blow-in system for house connections and in-house installations

- Suitable for fiber optic cables, FO, FOC, pre- assembled cables and FTTH outlets, as well as flat drop cables or other cables

- Suitable for cables with a diameter of 0.5mm to 8.0mm

- Usable for microducts with an outer diameter of 4, 5, 7, 8, 10, 12, 14 and 16 mm

- For use with standard cordless screwdriver and/or compressor

- The modules are available individually or in various combinations

- Flexibly and individually extendedable with additional module components at any time

- Faster, safer and kink-free insertion of cables into micro ducts

- Quickly ready for use and convertible to other cable or pipe dimensions

- Maximum pressure: 15 bar
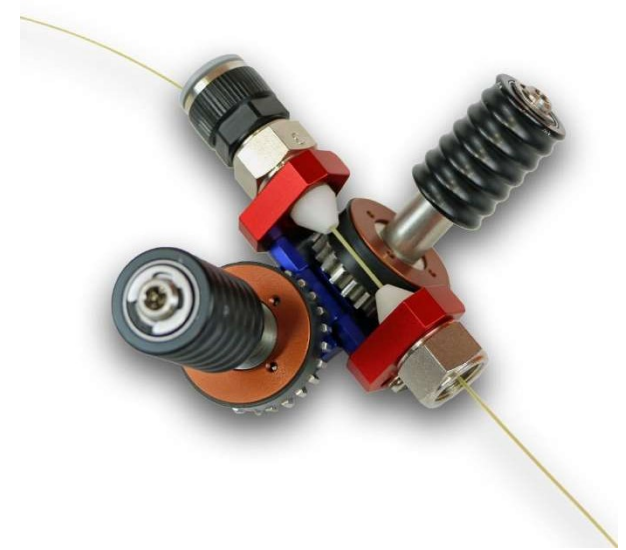
- Ideal for the "last mile"

EZ.SPEEDY Feeding unit

Module for mechanical insertion of cables into microducts.

Using a standard screwdriver, without compressor, the cables are inserted into the microducts quickly, safely and without kinking.

- For inserting of fiber optic cables and other cables, with a diameter of 0.5 to 8.0 mm, into microducts without compressor
- Suitable for pipes with an outer diameter between Ø 4 and 16 mm
- Ideally suited for FTTx installations of the entire building infrastructure, apartment/house connection or the connection to the distribution box
- For use with commercially available cordless screwdriver
- Can be extended with **EZ.BOOSTER** or **EZ.SPLIT** blowing module
- Can be extended with the **EZ.EASYGLIDE** lubrication unit
- Quickly ready for use and convertible to other cable and pipe dimensions
- Faster, safer and without kinking
- Simple operation and handling
- Robust, lightweight (0.5 kg) and compact (100x90x70 mm)
- Excellent accessibility, even in the tightest of spaces
- Fits in any car boot

Available as

FTTx Single Set EZ.SPEEDY (closed or divisible)

FTTx Single Set EZ.SPEEDY & EZ.BOOSTER

FTTx Single Set EZ.SPEEDY& EZ.SPLIT

FTTx Kit

1 S, M, L **EZ.SPEEDY & EZ.BOOSTER**

2 S, M, L **EZ.SPEEDY & EZ.SPLIT**

3 S, M, L **EZ.SPEEDY & EZ.BOOSTER & EZ.EASYGLIDE**

SWISS MADE

EZ.BOOSTER Blowing unit closed
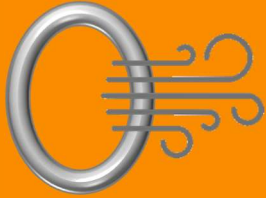
Module for blowing cables into microducts with the assistance of compressed air.

With the help of a commercially available compressor (up to 15 bar pressure), cables are blown into the micro ducts quickly and safely.

- For blowing fiber optic and other cables with a diameter of 0.5 to 8.0 mm into microducts
- Suitable for pipes with an outer diameter of Ø 4 to 16 mm
- Ideally suited for FTTx installations of the entire building infrastructure, apartment/house connection or the connection to the distribution box
- For use with standard compressor
- Can be extended with **EZ.SPEEDY** pushing module
- Can be extended with the **EZ.EASYGLIDE** lubrication module
- Quickly ready for use and convertible to other cable and pipe dimensions
- Faster, safer and without kinking
- Simple operation and handling
- Robust, lightweight (0.2 kg) and compact (60x70x45 mm)
- Excellent accessibility, even in the tightest of spaces
- Fits in any car boot

Available as

FTTx Single Set EZ.BOOSTER

FTTx Single Set EZ.SPEEDY & EZ.BOOSTER

FTTx Kit

1 S, M, L **EZ.SPEEDY & EZ.BOOSTER**

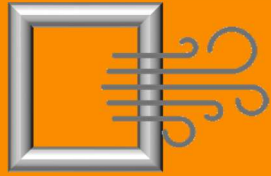**3** S, M, L **EZ.SPEEDY & EZ.BOOSTER & EZ.EASYGLIDE**

SWISS MADE

EZ.SPLIT Blowing unit splitable

Divisible module for blowing pre-assembled cables and FTTH outlets into the microducts assisted by compressed air. This blowing unit is also suitable for blowing cables in two directions or from duct to duct, without splicing, smoothly and quickly.

With the help of a commercially available compressor (up to 15 bar pressure), cables are blown into the micro ducts quickly and safely.

- Suitable for cables with a diameter of 0.5 to 8.0 mm

- Usable for pipes with an outer diameter of Ø 4 to 16 mm

- Ideally suited for FTTx installations of the entire building infrastructure, apartment/house connection or the connection to the distribution box

- For use with commercially available compressor

- Expandable with **EZ.SPEEDY** pushing module

- Quickly ready for use and can be converted to other cable and pipe dimensions

- Blow cables into the microducts quickly, safely and without kinking

- Simple operation and handling

- Robust, lightweight (0.2 kg) and compact (50x80x45 mm)

- Excellent accessibility, even in the tightest of spaces

- Fits in any car boot

Available as

FTTx Single Set EZ.SPLIT

FTTx Single Set EZ.SPEEDY & EZ.SPLIT

FTTx Kit 2 S, M, L **EZ.SPEEDY & EZ.SPLIT**

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EZ.EASYGLIDE lubrication unit

Module for economical and extremely efficient wetting of cables with lubricant, directly during cable insertion into the microducts.

The special lubricant is applied directly to the cable, not into the conduit. In this way, in case of a tube bend, the lubricant is applied to the contact point and not removed as with other methods.

A twist by hand and the friction of the cable is significantly reduced, even with critical pipe installations.

- For wetting with lubricant of fiber optic and other cables, with a diameter of 0.5 to 8.0 mm, during their insertion into the microducts

- Suitable for tubes with an outer diameter from Ø 4 to 16 mm

- Ideally suited for FTTx installations of the entire building infrastructure, apartment/house connection or the connection to the distribution box

- Can be extended with **EZ.SPEEDY** pushing module

- Expandable with **EZ.BOOSTER** blowing module

- Quickly ready for use and can be converted to other cable and pipe dimensions

- Fast, safe and without kinking

- Simple operation and handling

- Robust, lightweight (0.3 kg) and compact (60x70x45 mm + 95 mm ø 22mm)

- Excellent accessibility, even in the tightest of spaces

- Fits in any car boot

Available as

FTTx Single Set EZ.EASYGLIDE

FTTx Kit **3** S, M, L **EZ.SPEEDY & EZ.BOOSTER & EZ.EASYGLIDE**

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ZEITLER cable blowing systems can be flexibly and individually customized and extended on your requirements.

Discover FTTx-Kit: 1 with EZ.SPEEDY and EZ.BOOSTER

Available in 3 versions

Equipment for direct insertion and/or blowing in of cables using a cordless screwdriver and an compressor

S

Equipped for
1 cable dimension
1 duct dimension

M

Equipped for
1 cable dimension
6 duct dimensions

L

Equipped for
2 cable dimensions
6 duct dimensions

The equipment in the practical and robust FTTx kit case can be expanded at any time with up to 4 modules, each with 4 cable dimensions. In addition, all the associated accessories, as well as the cordless screwdriver, have their place in this case.

Your complete solution for cable laying into microducts, individually optimized to your requirements!

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ZEITLER cable blowing systems can be flexibly and individually customized and extended on your requirements.

Discover FTTx-Kit: 2 with EZ.SPEEDY and EZ.SPLIT
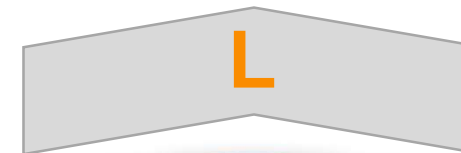
Available in 3 versions

Equipment for direct insertion and/or blowing in of pre-assembled cables, as well as FTTH outlets, or to be used for laying the cable in two directions.

S

Equipped for
**1 cable dimension
1 duct dimension**

M

Equipped for
**1 cable dimension
6 duct dimensions**

L

Equipped for
**2 cable dimensions
6 duct dimensions**

The equipment in the practical and robust FTTx kit case can be expanded at any time with up to 4 modules, each with 4 cable dimensions. In addition, all the associated accessories, as well as the cordless screwdriver, have their place in this case.

Your complete solution for cable laying into microducts, individually optimized to your requirements!

ZEITLER cable blowing systems can be flexibly and individually customized and extended on your requirements.

Discover FTTx-Kit: 3 with EZ.SPEEDY, EZ.BOOSTER and EZ.EASYGLIDE

Available in 3 versions

**Equipment for inserting, blowing in and wetting cables with lubricant in a single operation.
For use with cordless screwdriver and compressor.**

S

Equipped for
**1 cable dimension
1 duct dimension**

M

Equipped for
**1 cable dimension
6 duct dimensions**

L

Equipped for
**2 cable dimensions
6 duct dimensions**

The equipment in the practical and robust FTTx kit case can be expanded at any time with up to 4 modules, each with 4 cable dimensions. In addition, all the associated accessories, as well as the cordless screwdriver, have their place in this case.

Your complete solution for cable laying into microducts, individually optimized to your requirements!

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Features comparison

Features	FTTx Kit 1			FTTx Kit 2			FTTx Kit 3			FTTx Single Set EZ.SPEEDY (closed)	FTTx Single Set EZ.SPEEDY (divisible)	FTTx Single Set EZ.BOOSTER	FTTx Single Set EZ.SPEEDY/ EZ.BOOSTER	FTTx Single Set EZ.EASYGLIDE	FTTx Single Set EZ.SPLIT	FTTx Single Set EZ.SPLIT & EZ.SPEEDY
	S	M	L	S	M	L	S	M	L							
Approach area																
• FTTx Installations in residential, commercial and industrial buildings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Broadband expansion for network level 3 (FttB)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Broadband expansion for network level 4 (FttH)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• suitable for cable dimensions ø 0.5 to 8mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• suitable for pipes dimensions • ø 3, 4, 5, 7, 8, 10, 12, 14, 16 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Installation with Flat Drop Cable										✓	✓					
• Installation with pre-assembled cables, patch cables, FTTH boxes				✓	✓	✓					✓				✓	✓
• Installation with distance length over 500m	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
Functionality																
• Mechanical cable insertion / pusher unit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓
• pneumatic cable insertion / blowing unit	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓
• pneumatic cable insertion in two directions / splittable blowing unit				✓	✓	✓					✓				✓	✓
• pneumatic wetting of cable with lubricant							✓	✓	✓					✓		
• Usable with cordless screwdriver	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓
• Usable with compressor	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓

Features comparison

FTTx Fiber Blowing Equipment

Features	FTTx Kit 1			FTTx Kit 2			FTTx Kit 3			FTTx Single Set EZ.SPEEDY (closed)	FTTx Single Set EZ.SPEEDY (divisible)	FTTx Single Set EZ.BOOSTER	FTTx Single Set EZ.SPEEDY/ EZ.BOOSTER	FTTx Single Set EZ.EASYGLIDE	FTTx Single Set EZ.SPLIT	FTTx Single Set EZ.SPLIT & EZ.SPEEDY
	S	M	L	S	M	L	S	M	L							
Case specifications																
• Expandable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ *	
• Expandable up to 4 FTTx Module	✓	✓	✓	✓	✓	✓	✓	✓	✓							
• Expandable with 1 cable dimension										✓	✓					
• Expandable with 4 cable dimension	✓	✓	✓	✓	✓	✓	✓	✓	✓							
• Expandable with 2 duct dimensions													✓			
• Expandable with 4 duct dimensions										✓	✓	✓		✓		
• Expandable with 7 duct dimensions	✓	✓	✓	✓	✓	✓	✓	✓	✓							
• Expandable with EZ.SPEEDY mounting block	✓	✓	✓	✓	✓	✓	✓	✓	✓							

* Can be extended with the EZ.SPEEDY feeding unit

SWISS MADE

Optional accessories and consumables

EZ.SPEEDY Mounting Block *
More comfortable and safer working thanks to the mounting block.

Robust and solid, can be mounted on a table or bench vice just with 4 screws or used with a standard photo tripod. This keeps your EZ.SPEEDY firmly anchored. The pressure on the handles/rollers remains even and the spur gears are protected from access.

* included in all FTTx Kits **L**;
(see item n° 101378)

EZ.SPEEDY cable guide «Gold»

Special cable guide to be used for very soft and flexible cables.
Available in various sizes for cables with a diameter of 0.5mm to 4.0mm.

(see item n° 100318; 100319; 100320)

Ball tap ***

For applications with compressors, the ball tap regulates the air flow and thus can be slowly increased, reduced or blocked.

*** included in all FTTx Kits **M** and **L**;
(see item n° 101380)

EZ.SPEEDY handle holder **

A practical accessory that holds the handles securely closed and allows even pressure to be applied to the transport rollers.
This allows the cables to be fed into the pipe effortlessly and efficiently without tiring the hands.

** included in all FTTx Kits **M**;
(see item n° 100321)

Multi nozzle with base for ducts Ø 13-20mm

It can be connected to EZ.SPEEDY cable feeding module and enables the device to be used for larger pipe diameters up to 20 mm.
(see item n° 100163 and 100162)

Tube reducer 3mm, 4mm, 5mm

(see item n° 100520; 100521; 100750)

Optional accessories and consumables

EZ.SPEEDY safety handle

The special handle shape limits the pressure and prevents damage to the cable. At the same time, your hand is protected from the spur gear.

(see item n° 100390)

Bluegliss

Special lubricant to help blowing or pushing of fiber optics cable through the micro-duct.
Available in bottle sizes
150 ml (item n° 100342) and
1000 ml (item n° 100712)

Lubriballs

Cleaning and lubricating ball for microdcuts

Lubriball 5 mm for duct Ø 3-4 mm – item n° 100323
Lubriball 10 mm for duct Ø 4-7 mm - item n° 100326
Lubriball 15 mm for duct Ø 7-12 mm - item n° 100329
Lubriball 22 mm for duct Ø 12-20 mm - item n° 100330

Prelube 5000

Special lubricant for easier insertion of the fiber optic cable into microducts

(see item n° 100332)

Further practical accessories and the complete range of spare parts can be found on our homepage at any time.