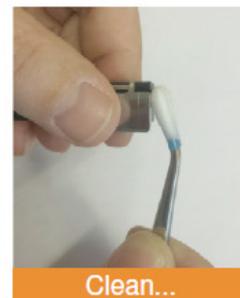
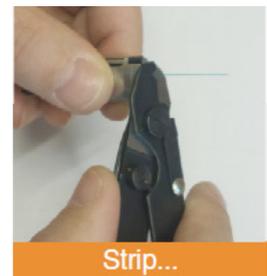


# EasySplicer

## Fusion Splicer



- \* Fusion splicing made easy and affordable with the EasySplicer.
- \* Splices Singlemode and Multimode fibres.
- \* Splicing time of less than 7 seconds.
- \* Splice Loss estimation.
- \* Tensile test of completed splices.
- \* Built in oven.
- \* Easy to use and to carry along.
- \* Perfect for the FTTH installer.



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# EasySplicer

## Fusion Splicer

The EasySplicer is a Swedish made Fusion Splicer, designed for working daily with fiber optic installations.

It is small and easy to bring along to any kind of work. The construction is quite rugged and designed for splicing in both indoors and field environments.

The design of the EasySplicer differs a bit from other Fusion Splicers as it is made with the focus on the installer/user. Many of the Splicers on the market are, even if very competent, difficult to use and require a lot of education before they can be operated.

The EasySplicer is very easy to learn and easy to use. It doesn't take more than 30 mins for anyone to learn how to use the Splicer and start working with it.

The EasySplicer operates with three buttons only and mostly the user only needs to use the main button to perform the splicing. Still, the precision of the unit is extremely high. It makes typical splicing with a loss of 0,03 dB (Singlemode). After splicing it performs a tensile on the splice and makes a loss estimation of the splice where it also notifies the operator if something is wrong. Such information is also provided before splicing (like; Bad fiber and Dirty fiber).

The battery-pack inside the unit is small but very powerful. The unit can perform some 60 splices before it needs to be recharged. Extra battery-packs can also be sold separately (and easily be exchanged in the unit by the installer).

The EasySplicer is constantly calibrating itself for environment changes (like; moisture). This can also be done manually, e.g. when starting the workday. Calibration is very easily performed (within seconds) and makes sure that the splicing is made perfect.

The EasySplicer is using the V-groove method for splicing (same alignment system as Ribbon-splicers are using) which has made it possible to keep the size small of the unit. It also makes this unit extremely cost effective.

The SBFS1 is one of the most inexpensive splicers on the market, yet with a performance of 4-5 times more expensive units.

The EasySplicer is truly a grand innovation for making Fiber Optic Networks. It will revolutionise the ease to build such networks and it will cut the costs for the customers which will generate more work for the installers !



**SBSCANDINAVIA**

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### Technical Specifications

Splicing method	V-groove (cladding alignment).
Fiber Types	SMF, MMF 50/125µm and 62.5/125µm fiber, 250µm and 900µm coated fiber.
Fiber Handling	Fiber holders, 2 pairs (250 and 900)
Splice Programs	3 pre-defined. SMF, MMF & OM1
Typical Splice Loss	0.03dB SMF, 0.01dB MMF
Typical Cycle Time	7s + 35s (splice cycle + oven cycle)
Sleeve Dimensions	Max 64mm length, 2-5mm diameter supported by oven
Communication	USB, mini usb plug.
Memory	Internal 1MB, External SD-Card.
Monitor	LCD, color, 2.8 , 320x240 pixels
Magnification	Camera 140x
Working Environment	0-40°C, max 95% RH, non-condensing
Size	230x98x53mm
Weight	800g
Power Sources	External power supply, 6V, 1.5A, 100-240VAC 50-60Hz, Built in Li-Ion battery pack
Splicing Capacity	60 splicing cycles.
Additional Features	Loss estimation, Fiber fault detection, SD-card for logging etc.

#### Included parts:

- \* Oven (Built in).
- \* 2 pairs of fiber holders, 250um and 900um.
- \* Cleaver.
- \* Stripper.
- \* Rechargeable battery pack (Built in).
- \* Powersupply.
- \* Carrying case.

#### Optional Accessories:

- \* Fiber holders for 900um loose tube.
- \* Soft carrying case.
- \* Car charger.



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