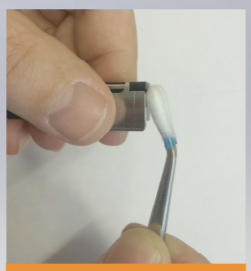
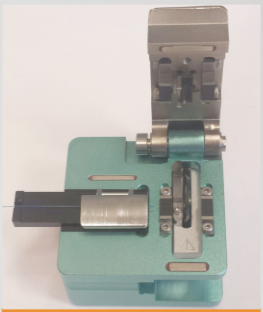
Fusion Splicer

EasySplicer

Strip...



Clean...



Cleave...

* Fusion splicing made easy and affordable with the EasySplicer.
* For both Singlemode and Multimode fibres.
* Splicing time of less then 7 seconds.
* Loss estimation.
* Pull test of performed splices.
* Built in oven.
* Easy to use and to carry along.
* Perfect for the FTTH installer.

SBSCANDINAVIA

Fusion Splicer

EasySplicer

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

It´s small and handy to bring along to any kind of work. The construction is made very rugged and even if splicing should take place under good conditions (indoors) it is still designed to be used out in the field.

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

The **EasySplicer** is very easy to learn how to use. It doesn´t take more than an hour 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 have 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 pull tests the splice and makes a loss estimation of the splice were it also tells 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 40 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, for ex. when starting the work of the day. Calibration is very easily performed (within seconds) and makes sure that the splicing is made perfect.

The **EasySplicer** is using the V-grove method for splicing (same 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 revolutianry the ease to build such networks and it will cut the costs for the customers which will generate more work for the installers !

Technical specification

Splicing method	V-grove (cladding alignment).
Fiber Types	SMF, MMF 50/125µm and 62.5/125µm fiber, 250µm primary and 900µm secondary coated fiber.
Fiber Handling	Fiber holders, 2 pairs (250 and 900)
Splice Programs	2 pre-defined. SMF & MMF
Typical Splice Loss	0.03dB SMF, 0.01dB MMF
Typical Cycle Time	7s + 50s (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
Operating Environment	0-40°C, max 95% RH, **non-condensing**
Size	230x98x53mm
Weight	800g
Power Sources	External power supply, 6V, 1.25A, 100-240VAC 50-60Hz, Built in Li-Ion battery pack
Splicing Capacity	40 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.

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