

EasySplicer

Fusion Splicer



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

The is a **EasySplicer** made in EU, designed for daily use on fiber optic installations.

It's compact and portable. The construction is very rugged and designed to be used out in the field.

The **EasySplicer** is very easy 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. In most cases the user will only have to use the main button to perform the splice. 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, makes a loss estimation of the splice and 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 60 splices (with oven operation) before it needs to be recharged. Extra battery-packs are sold separately and can easily be changed in the unit by the installer.

The **EasySplicer** is constantly calibrating itself for environment changes (like; moisture). This can also be done manually, ie at the start of the day. Calibration is very easily performed (within seconds) and makes sure that the splicing is made perfect.

The **EasySplicer** uses the V-grove method for splicing (same as Ribbon-splicers) which has made it possible to keep the size of the unit small. It also makes this unit extremely cost-effective.

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 holder, 3 pairs (250um , 900um and Loose tube)
Splice Programs	2 pre-defined. SMF & MMF
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
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	60 splicing cycles with oven.
Additional Features	Loss estimation, Fiber fault detection, Pull test, SD-card for logging etc.

Included parts:

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