

## PROLITE-42 ULTRA SLIM FIBRE OPTICS FUSION SPLICER WITH CLEAVER, STRIPPER AND ACCESSORIES



The ultra slim fibre optics fusion splicer model **PROLITE-42** meets the highest quality requirements. It is the perfect design for the installation and maintenance of any type of optical fibre network, specially for FTTH installers.

It features a battery life for up to 300 splicings with a single charge, with automatic core fibre alignment and up to 300x on-screen magnification. The fusion splicer can be both battery-operated and also connected to the mains

The **PROLITE-42** is delivered into its own **rugged** transport case, that also **includes all the necessary tools** to immediately work with optical fibre: Cleaver, stripper, fusion protection sleeves, cooling tray and spare electrodes.

**THE BEST DIMENSIONS-TO-BATTERY RATIO: UP TO 300 SPLICES!**



**REMOVABLE BATTERY SYSTEM  
2 BATTERIES INCLUDED**



**8 SECONDS  
SPLICE TIME**

8 sec splicing, 30 sec heating time, Maximum speed to increase productivity!



**CORE  
ALIGNMENT**

The splicer automatically aligns the optical fibres by the core aligning method.



**300 SPLICES  
BATTERY LIFE**

The splicer can also be used connected to mains while its battery is being charged.



**INCLUDED  
TOOLS**

Start working immediately: Includes carrying case, cleaver, stripper, protection sleeves and spare electrodes.



**LIGHT  
AND COMPACT**

The optimum ratio between size, weight, battery life and reliability: 1600 gr with battery, 200x130x98 mm.



**INCLUDES RUGGED CARRYING CASE PLUS ALL THE ACCESSORIES TO START WORKING IMMEDIATELY**



## PROLITE-42

### ULTRA SLIM FIBRE OPTICS FUSION SPLICER WITH CLEAVER, STRIPPER AND ACCESSORIES

SPECIFICATIONS	PROLITE-42 FIBRE OPTICS FUSION SPLICER
Splicing program	SM, MM, DS, NZDS
Splicing loss	0.02 dB (SM), 0.01dB (MM), 0.04 dB (DS), 0.04 dB (NZDS)
Return loss	>60 dB
Splicing mode	Automatic, Half-automatic and Manual modes
Fibre aligning method	Core aligning
Applicable fibres	Cable indoor and 0.25mm, 0.9 mm fiber, SC connector(optional)
Splicing time	≤9 sec
Heating time	≤30 sec (automatic)
Fibre cleaved length	From 8 to 16mm
Fibre display and magnification	300x (X or Y axis), or 150x (simultaneous X-Y axis display)
Display	High quality 4,3" LCD screen
Tension test	Estándar 2N
Protection sleeve length	60 mm, 40 mm
Battery life	300 splicing + heating cycles, 3 hours charging time (splicing and charging at same time)
Battery life span	Cycling charge 300-500 times, easy to replace battery
Electrode life	3000, easy to replace electrodes
Consumption	≤20 W
Lighting	Built-in high brightness, wide range of lights that make easy to operate the splicer at night
Power supply	5200 mAh (11.1 V) lithium battery AC adapter (100-240 V input, 3.5 VDC / 4,5 A output)
Mechanical features	
Dimensions	130 mm (W.) x 98 mm (H.) x 200 mm (D.)
Weight	1.6 kg (with battery) / 1.1 kg (without battery)
Included accessories	Cleaver, stripper, AC adapter, spare electrodes, fusion protection sleeves, cooling tray, 2 removable batteries and carrying case for the complete set