



Televes Fusion Splicer Kit Part# 232101

Product Specifications

FUSION SPLICER (Ref. 232101):

Three-axis aligning fusion splicer with final verification.
A five inch LCD screen guides the user and allows for the configuration of all the operating parameters. The resulting splices have low insertion loss and virtually no back reflection.

- Fusion surface verification
- Fiber distance adjustment
- Fiber core alignment
- Splice-loss estimation
- Small and light package

ACCESSORIES INCLUDED:

- Carrying case with locks.
- 2 keys.
- CD with manual of the equipment.
- Optic fiber cleaver (ref. 2323).
- Precision stripper (ref. 2324).
- Power cord and AC/DC adapter.
- RS-232 cable.
- Container to hold the rest of chopped fibers or other utensils.
- Plastic tweezer.
- Brush for cleaning lenses and mirrors.
- Cooling tray.
- Spare set of electrodes (2 electrodes).
- Protective cover for the LCD screen.

Specifications

GENERAL

- Average loss by fusion: 0.02dB (SM) / 0,01dB (MM).
- Average fusion time: 9s. (standard SM).
- Average heat time for the heat-shrink sleeve: 30s. (adjustable).
- Fusion programs: 6 pre-configured programs and 194 prepared to be configured by the user.
- Point of Light for the fusion (easier to work in the dark areas).
- Heater to heat-shrink sleeve incorporated.

FIBER

- SM (Single-mode)
- MM (Multi-mode)
- Outer diameter of standard work ---> 125 μ m.
- Diameter of cladding ---> from 0.2mm to 1.5mm.
- Cutting fiber length ---> 16mm (Standard)

MONITOR

- Display: 5" LCD (color).
- Picture: Shows simultaneously two fibers in X and Y axis.

PARAMETER SETTINGS

- Duration of heating. Cleave angle.
- Tension TEST
- Program (Pre-arc power, Pre-arc time, Arc power, Arc time, Forward speed, Forward).
- Type of Fiber.
- Method of splicing (Manual mode not available).
- Maintenance (Cleaning electrodes, old electrode, turn over image, date and time, Arc count information, Arc count clear, Memory, language, RS232).
- 7 Languages: English, Spanish, German, Portuguese, Russian, Chinese, Korean.

DATALOG

- Saves up to 5000 results of fusions

AC/DC ADAPTER

- Mains voltage/frequency: 100 - 240V~ / 50 - 60Hz / 30W
- Output voltage/Current: 13,5Vdc / 5A

BATTERY

- Li-Polymer Battery

WORK ENVIRONMENT

- Temperature: -10 ~ + 50 ° C.
- Storage: - 40 ° ~ +60 ° C.
- Relative humidity: <95% RH

PHYSICAL CHARACTERISTICS:

- Dimensions: 180mm (length) x 150mm (width) x 190mm (height).
- Weight: 3.5kg (with battery).



www.multicominc.com

Multicom, Inc.
Ph: 800-423-2594
Fax: 407-339-0204
Email: multicom@multicominc.com