



Precision Rated Optics

Work with a PRO!

OFS-941V Fusion Splicer



The OFS-941V is an active clad-alignment splicer with amazingly compact design, is the most dependable fusion splicer in the market. Includes a 4.3 inch high-resolution color LCD touch screen with user-friendly intuitive GUI (Graphic User Interface) offers large and clear fiber images to users. By double-tapping the screen, users can Zoom In & Out the image to the world's highest magnification of 520x. Moreover, the 3 LED lights provide bright splice condition to the users working under dark environments. The OFS-941V is the new industry standard of compact active clad-alignment splicer in the telecommunications industry

- Active V-Groove Clad Alignment Splicing Method with amazingly compact design
- The World's Highest Magnification and Resolution
- 4.3" Color LCD Touch Screen
- Detachable SOC Holder and Heating Oven
- 3 Bright LEDs and Illuminated Keypads For Dark Environment
- High Capacity Battery
- Ceramic Clamp for Improved durability
- Harsh Weather Conditions Adaptability

OFS-941V Standard Package Includes:

Splicer, High Precision Cleaver, Fiber Holder, SOC Heater Cover, AC Adapter, Cooling Tray, Electrode, Manual and/or download card, Battery Pack, Power Cable, USB Cable, Carrying Case, Fiber Cleaver

Ordering Information

OFS-941V	Fusion Splicer
----------	----------------

SPECIFICATIONS

Applicable fiber type	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653)/ NZDS(ITU-T G.655)
Fiber count	Single
Applicable fiber cables	0.25mm - 3.0mm / Indoor cable
Applicable fiber diameter	Cladding diameter: 80~150µm, Coating diameter: 125~1000µm
Splice loss	SM: 0.03dB, MM: 0.02dB, DS: 0.05dB, NZDS: 0.05dB, G.657: 0.03dB
Splice mode	Maximum 120 splice modes
Internal splice data storage	2000
Splicing time	SM Quick mode: 7s
Heat oven	5 applicable protection sleeve: 20mm, 30mm, 40mm, 50mm, 60mm
Heating time	8- 900s
Typical heating time	13s
Heat mode	Various heat modes available
Displaying method	two cameras and 4.3 inch color LCD monitor
Magnification	520x for single X or Y view, or 520x for both X and Y view
Tensile test	1.96-2.25N
Terminals	Micro HDMI
Standard AC power voltage	AC 100-240V, 50-60Hz
Standard DC power voltage	DC 9-14V
Size/Weight (WxDxH)	5.39" x 5.19" x 4.96" / 3.74lb (137mm x 132mm x 126mm / 1.70kg)
Operating condition	0~5000m above sea level, 0~95% relative humidity, 14~122°F (-10~50°C), 15m/s max wind speed
Storage condition	0~95% relative humidity, -40~176°F (-40~80°C)
Battery	-4~86°F (-20~30°C) for long time storage