

Universal Mechanical Splice

Universal Mechanical Splice was designed for splicing any 250 to 900 fibers. The tool function was built in Mechanical Splice so no additional tool is required for 900/900um or 900/250um splice. You can also use Economy Type (ALWL-SPM-31) with Tool (ALWL-STM-25) for cost effective.

Using V groove technology, it requires no epoxy. With transparent body, the splice result can be seen by Fiber Checker immediately. It has mean insertion loss 0.1dB and installation time of 30 seconds. This is an ideal solution, either for outside plant or inside a building.

Features:

- No Tool or Jig required, Releasable after Connecting
- Transparent body for immediate connecting confirmation
- Universal for 250 or 900 um Fibers
- 30 seconds for connecting
- Mean Insertion Loss 0.1 dB



Ordering Information:

Part number	Description	Splicing Fibers	Tool is
ALWL-SPM-21	Mechanical Splice for Optical Fiber (No Tool)	900/900; 250/900	Optional
ALWL-SPM-31	Mechanical Splice for Optical Fiber (Economy)	900/900; 250/900; 250/250	Must
ALWL-STM-25	Tool for Mechanical Splice	NA	NA

Specifications

Fiber Size	250 & 900 um
Assemble Time	30 seconds (after preparing fiber ends)
Mean Insertion Loss	0.1 dB
Return Loss (dB), Typical	-50 dB
Pull Strength (N), Typical	5N
Operating Temperature (°C)	-40 ~ +85 °C
Materials	Engineering Plastics & Index matching gel
Dimension, LxWxH (mm)	38 x 3.8 x 6.5