

SC/APC MECHANICAL SPLICER BRACKET

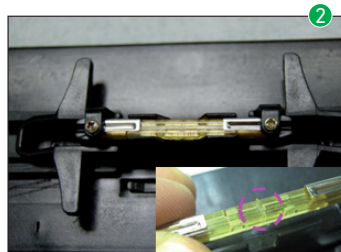


Model	SEM-125
Ref.	8282
Fibre diameter	125 y 900 μm
Installation method	V-groove
Insertion loss	≤ 0.3 dB
Return loss	≥ 55 dB
Operating temperature	-40 C°...75 C°

- High-quality mechanical splice with a maximum loss of 0.3 dB
- Quick and easy preparation
- Use assembly tool SEM-125



Tools required:
Kevlar cutting shears, deck stripper,
Cleaver, Stand,
SEM-125



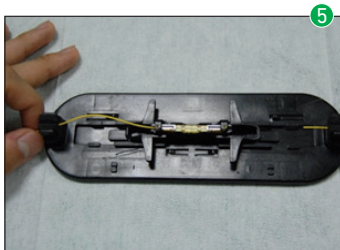
Place the mechanical splicer on the SEM-125 bracket, as shown in the picture above.



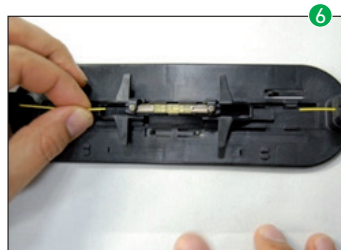
Strip a 35mm length of the coating corresponding to the fibre type down to 125 μm . Clean the fibre with a wipe soaked in isopropyl alcohol.



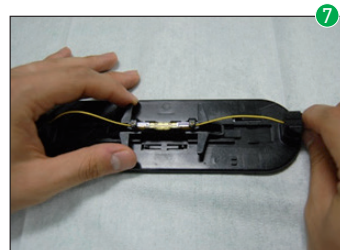
Proceed to cut the f.o. using a precision cleaver.
This length will vary depending on the sheathing of the f.o.
14 mm for 900 μm fibres
11 mm for 250 μm fibres



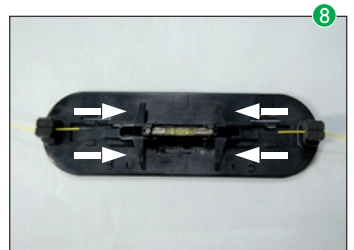
Hold the fibre with the foam clip, leaving some fibre slack between the clip and the mechanical splice. This avoids pulling and incorrect splicing.



Insert one end of the pre-cut fibre into the mechanical splicer up to the end of the splicer.



Repeat the same procedure above on the other end of the fibre to be spliced.



Slide the guides of the SEM-125 holder, so that the fibres are fixed and perfectly aligned inside the mechanical connector.