

## Tuning LC connector

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### 1. Foreword

This document has been drafted with utmost care and reflects the products engineering level at the time of publication. Amendments or corrections to this document will be included in each new edition. Subject to technical change without notice.

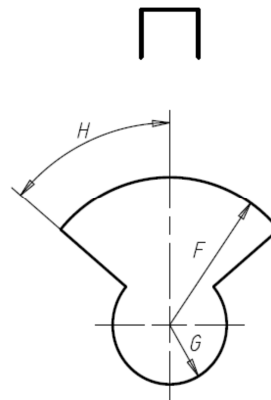
If not referred to any particular connector type, the working steps are alike for all types and pictures show one possible connector.

We take utmost care to deliver best quality connectors and support the assembling process. But please take into account that we can not support the usage of the needed equipment and its handling as for example polishing machine. Please refer to the vendor's instruction.

### 2. Tuning

For SM connectors of Performance Grade C and higher angle  $H$  shall be  $< 50^\circ$  according to IEC61755.

Locate position of fiber axis and place it in the upper position (position of key) or measure lowest insertion loss against Tuning cable.

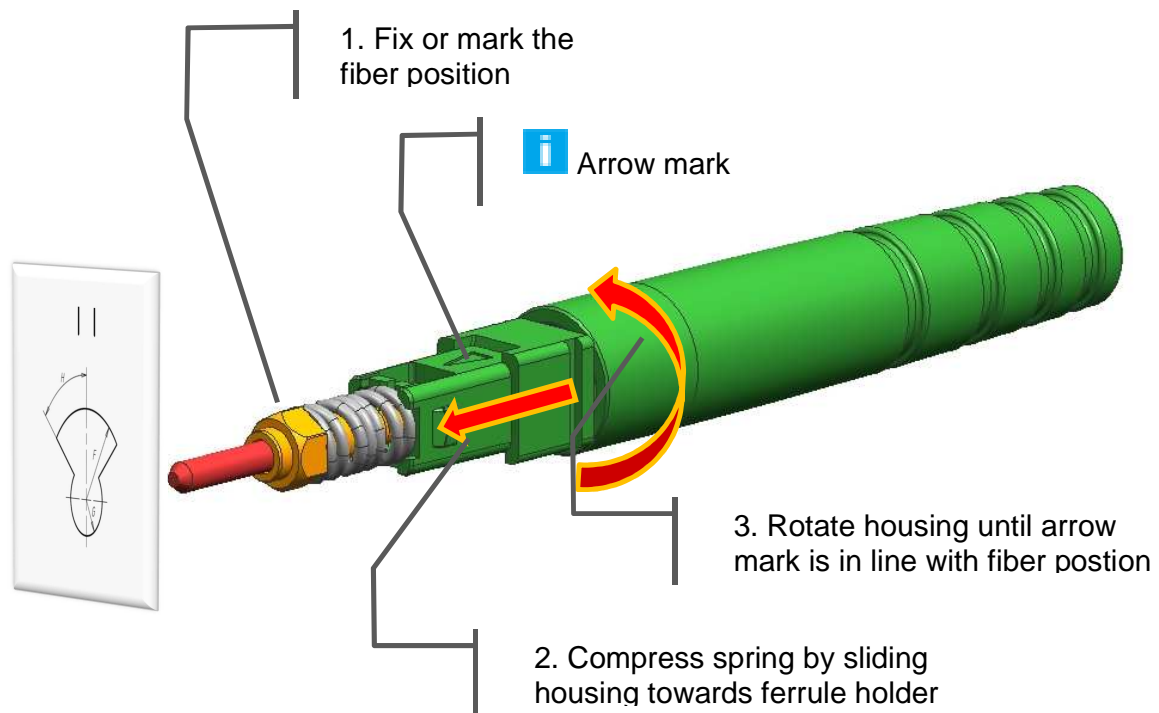


Locating fiber position can be achieved by any concentric tool or a offset cord. Due to better reliability the usage of concentric measurement tool is preferred.

### 3. Fiber position

Once the fiber position is located, mark it on the ferrule holder or fix the ferrule holder on the device.

Then rotate the housing until the arrow is in line with the fiber position.



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