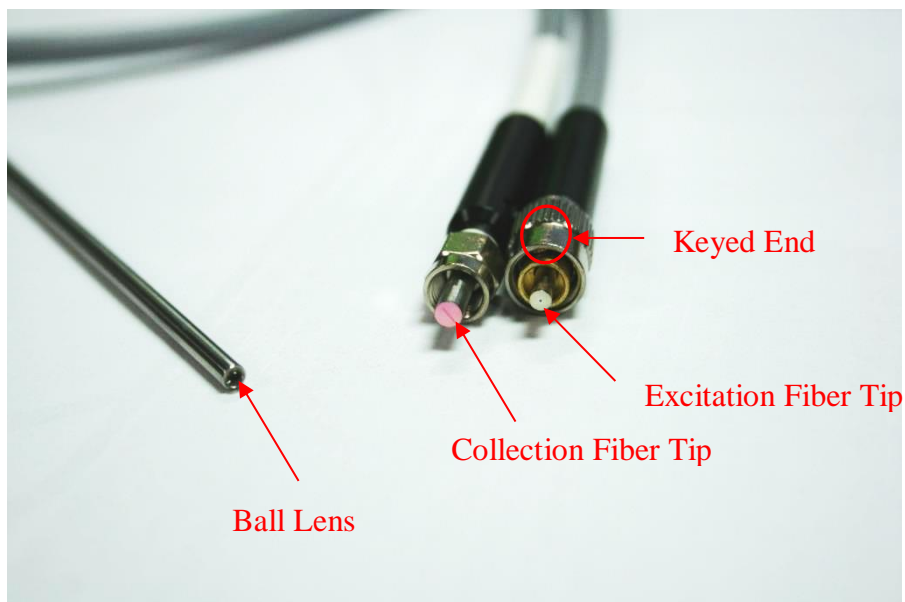


Quick Start Guide for BAC201 (Micro Lensed Fiber-Optic Raman Probe)

1. Before use, carefully remove protection caps on the probe and fiber tips.



2. Identify the excitation fiber tip and collection fiber tip.



3. Connect the excitation fiber to the laser excitation port on the Raman system. Note that the excitation fiber tip is keyed (see picture above) and must be aligned to the key at the excitation port in order to connect correctly. Push the fiber end into the port and tighten the screw.



Key at Excitation Port

4. Connect the collection fiber to the collection port on the Raman system. Note that there is a fiber bundle in slit form at the collection fiber tip. Push the fiber tip into the collection port and align by rotating the fiber bundle. Observe the relative intensity of spectra displayed on the BWSpec software reaching to the highest signal. Tighten the SMA connector to secure the fiber bundle properly.
5. If relative intensity correction is needed, refer to section “11.7 Relative Intensity Correction Plug-in” on the BWSpec4 User Manual for how to create and apply a ratio file. Make sure that a ratio file specific for the BAC201 probe is applied.