

KI-UBENCH

POF Fiber U-Bench / Air Gap Assembly

Plastic Optical Fiber Applications:

- Education
- Insert filters / attenuators / isolators
- Chemical / medical sample analysis
- Sensors, choppers
- Independent eye-safety shut-off



Revision 2

The KI-UBENCH is a simple solution to insert any bulk optics device, sensor or sample into a plastic optical fiber light path, so it has a wide variety of possible applications.

This is a stable, high quality, fully engineered product suitable for use in calibrated sensors and analytical instruments.

The usable air gap is 6.2 mm wide and 4 mm below the optical center line.

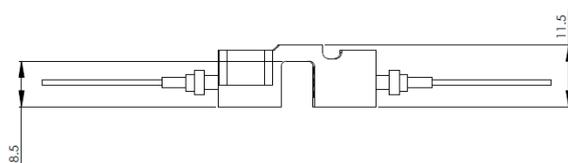
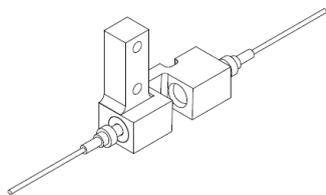
N-BK7 lenses and standard PMMA POF are used, although other types can be requested.

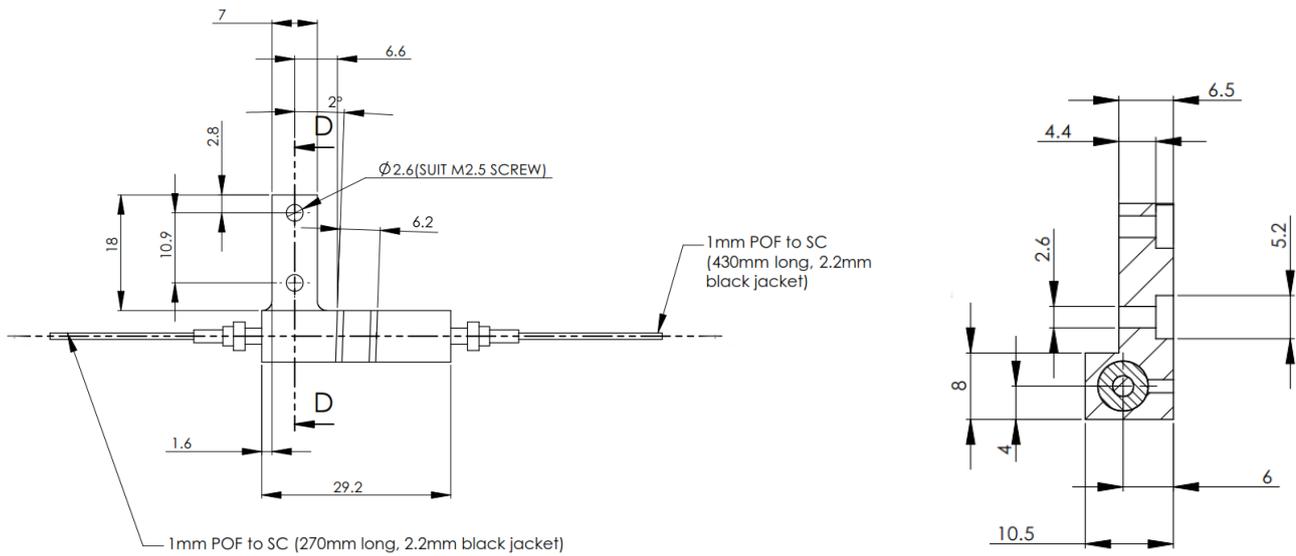
OPTICAL SPECIFICATIONS

Parameters	Value
Test Wavelength (nm)	660 nm
Insertion loss (dB)	<2.5 dB
Fiber type ¹	1000 μm (270 & 430 mm long with 2.2mm black jacket)
Connector type ¹	SC

Note 1: Please enquire for special connector / fiber types / lengths.

MECHANICAL SPECIFICATIONS





ORDERING INFORMATION

Description	Part Number
Fiber U-Bench, Collimator for POF	KI-UBENCH

STANDARD ACCESSORIES

Description	Quantity
Fiber U-Bench assembly with bare POF fiber terminated with SC/PC connectors	1

Technical data is subject to change without notice as part of our program of continuous improvements

AUTHORIZED DEALER