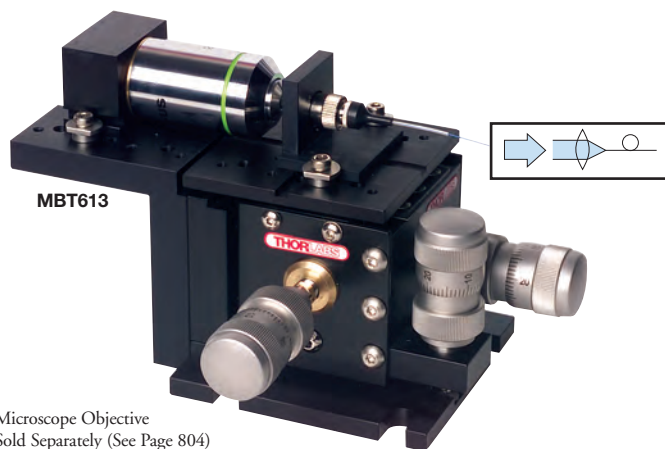


MicroBlock™ SM Fiber Launch with FC Connectorized Fiber Holder



Microscope Objective
Sold Separately (See Page 804)

The MBT Series Fiber Launches are recommended for less-demanding situations where the cost of the system is a concern. This entry into the MBT Fiber Launch Series features the MBT flexure stage with a HCS013 Microscope Objective Mount and HFB004 FC Fiber Holder. This combination of accessories, along with a microscope objective (not included, see Page 804), launches light directly into an FC/PC connector.

System Includes

- MBT616 High Resolution Flexure Stage with 4 mm Travel, See Page 469
- Three High Performance Drives Provide 300 μm of Fine Travel
- HFB004 FC Fiber Holder, See Page 504
- AMA009 Large Fixed Platform, See Page 497
- HCS013, Microscope Objective Mount with RMS Threads, See Page 499

Specifications

- **Travel:** 0.16" (4 mm)
- **Crosstalk:** <20 $\mu\text{m}/\text{mm}$
- **Load Capacity:** 2.2 lbs (1 kg)
- **Thermal Stability:** 1 $\mu\text{m}/^\circ\text{C}$
- **Differential Adjusters:**
 - Coarse Adjustment: 0.5 mm/rev
 - Fine Adjustment: 50 $\mu\text{m}/\text{rev}$

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
MBT613	MBT613/M	\$ 1,255.00	£ 856.50	€ 1,114.20	¥ 10,598.00	MicroBlock™ Free-Space to FC Fiber Launch System

MicroBlock™ SM Fiber Launch with GRIN Lens Holder



GRIN Lens Sold Separately
(See Page 648)

System Includes:

- MBT616 High-Resolution Flexure Stage with 4 mm of Travel, See Page 469
- HGI003 GRIN Lens Holder, See Page 499
- AMA009 Large Fixed Platform, See Page 497
- GRIN Lenses Sold Separately, See Page 648
- HFF003 Fiber Clamp, See Page 501
- HFS001 Cable Strain Relief, See Page 501

Specifications

- **Travel:** 4 mm
- **Crosstalk:** <20 $\mu\text{m}/\text{mm}$
- **Load Capacity:** 2.2 lbs (1 kg)
- **Thermal Stability:** 1 $\mu\text{m}/^\circ\text{C}$
- **Differential Adjusters**
 - Coarse Adjustment: 0.5 mm/rev
 - Fine Adjustment: 50 $\mu\text{m}/\text{rev}$

Close-Up View

The GRIN lens holder provides easy access to the optic during loading. The spring clamp allows easy, fast exchange of optics.

The MBT614 fiber launch system is built around our MBT616 3-axis flexure stage, which has been specifically designed to meet the challenging requirements associated with alignment of single mode fibers. The system features our high resolution differential drives that are ideal for coupling of a free-space laser into a single mode fiber, even at visible wavelengths where the mode field diameter of single mode fibers can be as small as 3 μm . The GRIN lens holder accommodates lenses with diameters from 1 to 3 mm and lengths as short as 2 mm. To view the complete line of flexure accessories, please refer to pages 496-512.

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
MBT614	MBT614/M	\$ 1,365.00	£ 931.50	€ 1,211.90	¥ 11,527.00	MicroBlock™ Free-Space to Fiber GRIN Launch System