

- Factory Automation Home
- PEWASStore - Buy Online!
- Download Center
- Motion & Control
- SUNX Sensors
- SUNX Laser Markers
- Model Finder
- Support and Contacts
- Search Site
- Where to Buy
- Training Schedule
- Partner Access



**More Downloads**

- [Manuals and Flyers](#)
- [CAD Data](#)
- [Software/Firmware](#)
- [Cable Drawings](#)
- [Application Search](#)

Bookmark for Later =

[Printer-Friendly View](#) | [Acrobat® Reader](#)

**Important Resources**

**PDF Downloads**

- [Full Product Catalog](#)
- [Specifications](#)
- [Dimensions](#)

**Support**

- [Get Technical Advice](#)
- [Request Trial](#)
- [RoHS Compliance](#)
- [Discontinued Products](#)
- [Model Number Search](#)

**Thrubeam Fiber Optics**

The FT series of thrubeam fiber optics is a wide-ranging family of sensing heads that are suitable for use in all SUNX fiber amplifiers. Fiber types include standard, high flexibility, special use, and environmentally resistant. Each type is broken down further to include various configurations such as side-view, ultra-small diameter, high precision, and wide beam.

**FT Models**

You may sort models by clicking the arrows in the appropriate column. If you are searching for a particular model but can't find it, give our [model search](#) utility a try. All downloads have moved to our separate [downloads center](#).

Click one of the links below to view all related models. Models will appear below the links.

- [Sensors](#)
- [Lenses](#)
- [Accessories](#)

**Currently viewing: FT Sensors**

Model Name	Model Pic	Type	Fiber Length (mm)	Bending Radius (mm)	Sensing Range (mm)
Sort ▲ ▼		Sort ▲ ▼	Sort ▲ ▼	Sort ▲ ▼	Sort ▲ ▼
FT-A30		Wide Sensing Area, 32mm Width Beam	2000	10	3500
FT-A8		Wide Sensing Area, 11mm Width Beam	2000	10	3500
FT-AFM2		Array Fiber, Top Sensing	2000	25	850
FT-AFM2E		Array Fiber, Side Sensing	2000	25	800
FT-B8		M4 Threaded Head	2000	25	1600
FT-E12		Ultra-Small Diameter Sleeve	500	5	20
FT-E22		Ultra-Small Diameter Sleeve	1000	5	130
FT-F902		Liquid Level Sensing, Pipe Mountable (1mm Thickness)	2000	20	10
FT-FM10L		Long Range Sensing, M14 Threaded Head	10000	25	19500
FT-FM2		M4 Threaded Head	2000	25	1000
FT-FM25		90mm Sleeve, M4 Threaded Head	2000	25	1000
FT-FM254		40mm Sleeve, M4 Threaded Head	2000	25	1000
FT-H13-FM2		M4 Threaded Head, Heat Resistant, 130C	2000	25	1200
FT-H20-J20		Heat-Resistant Joint Fiber(Joint Portion Only), 200C	20	18	530
FT-H20-J20-5		Heat-Resistant Joint Fiber(Set w/ FT-FM2), 200C	20	18	530
FT-H20-J30		Heat-Resistant Joint Fiber(Joint Portion Only), 200C	20	18	530
FT-H20-J30-5		Heat-Resistant Joint Fiber(Set w/ FT-FM2), 200C	20	18	530
FT-H20-J50		Heat-Resistant Joint Fiber(Joint Portion Only), 200C	20	18	530
FT-H20-J50-5		Heat-Resistant Joint Fiber(Set w/ FT-FM2), 200C	20	18	530
FT-H20-M1		M4 Threaded Head, Heat Resistant, 200C	1000	25	750
FT-H20-VJ50		Heat-Resistant Joint Fiber(Joint Portion Only), Side View, 200C	33	18	840
FT-H20-VJ50-5		Heat-Resistant Joint Fiber(Set w/ FT-FM2), Side View, 200C	33	18	840
FT-H20-VJ80		Heat-Resistant Joint Fiber(Joint Portion Only), Side View, 200C	33	18	840
FT-H20-VJ80-5		Heat-Resistant Joint Fiber(Set w/ FT-FM2), Side View, 200C	33	18	840
FT-H20W-M1		M4 Threaded Head, Heat Resistant, 200C, Flexible	1000	10	420
FT-H35-M2		M4 Threaded Head, Guarded, Heat Resistant, 350C	2000	25	750
FT-H35-M256		60mm Sleeve, M4 Threaded Head, Guarded, Heat Resistant, 350C	2000	25	750
FT-K8		Narrow Beam, 3.5mm Non-Threaded Head	2000	25	3000
FT-KV1		Narrow Beam, Side View	2000	10	600
FT-KV8		Narrow Beam, Side View	2000	25	3000
FT-NFM2		M3 Threaded Head	2000	25	400
FT-NFM25		90mm Sleeve, M3 Threaded Head	2000	25	400
FT-NFM254		40mm Sleeve, M3 Threaded Head	2000	25	400
FT-P2		1.5mm Non-Threaded Head, Sharp Bending	1000	4	350
FT-P40		M3 Threaded Head, Sharp Bending	2000	4	350
FT-P60		M4 Threaded Head, Sharp Bending	2000	4	550
FT-P80		M4 Threaded Head, Sharp Bending	2000	4	900
FT-P81X		M4 Threaded Head, Tough Flexible	1000	10	900
FT-PS1		1mm Non-Threaded Head, Sharp Bending	500	4	100
FT-R80		M4 Threaded Head, 90 Degree Elbow	2000	25	740
FT-SFM2		2.5mm Non-Threaded Head	2000	25	1000
FT-SFM2L		2.5mm Non-Threaded Head	2000	25	2000
FT-SFM25V2		Side View, 1.5mm Non-Threaded Head	2000	25	550
FT-SNFM2		1.5mm Non-Threaded Head	2000	25	400
FT-T80		M2 threaded Head	2000	25	1000
FT-V10		Side View, 4mm Non-Threaded Head	2000	25	2350
FT-V22		Side View, 1mm Non-Threaded Head	1000	25	410
FT-V41		Side View, 1mm Non-Threaded Head	2000	25	220
FT-W4		M3 Threaded Head, Sharp Bending	2000	1	220
FT-W8		M4 Threaded Head, Sharp Bending	2000	1	750
FT-WA30		Wide Sensing Area, 32mm Width Beam, Sharp Bending	2000	1	3500
FT-WA8		Wide Sensing Area, 11mm Width Beam, Sharp Bending	2000	1	3500
FT-WKV8		Narrow Beam, Side View, Sharp Bending	2000	1	2200
FT-W53		3mm Non-Threaded Head, Sharp Bending	2000	1	780
FT-W54		1.5mm Non-Threaded Head, Sharp Bending	2000	1	220
FT-W58		2.5mm Non-Threaded Head, Sharp Bending	2000	1	750
FT-W58L		3mm Non-Threaded Head, Sharp Bending	2000	1	1500
FT-WV42		Side View, 1mm Sleeve, Sharp Bending	2000	1	120
FT-W28		Compact Flat Type, Front Sensing, Sharp Bending	2000	1	950
FT-W28E		Compact Flat Type, Side Sensing, Sharp Bending	2000	1	2100
FT-W28H		Compact Flat Type, Top Sensing, Sharp Bending	2000	1	3500
FT-Z8		Compact Flat Type, Front Sensing, Sharp Bending	2000	4	1100
FT-Z802Y		Compact Flat Type, Side Sensing, Chemical Resistant,	2000	25	3500
FT-Z8E		Compact Flat Type, Side Sensing, Sharp Bending	2000	4	1850
FT-Z8H		Compact Flat Type, Top Sensing, Sharp Bending	2000	4	3100