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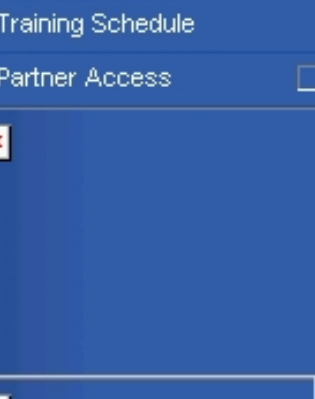
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FD



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Fiber Optic Sensors



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Diffuse-Reflective Fiber Optics

The FD series of diffuse-reflective 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, fixed-focus, ultra-small diameter, high precision, and wide beam.

FD 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: FD Sensors

Model Name	Model Pic	Type	Fiber Length (mm)	Bending Radius (mm)	Sensing Range (mm)
Sort ▲ ▼		Sort ▲ ▼	Sort ▲ ▼	Sort ▲ ▼	Sort ▲ ▼
FD-A15		Wide Beam Rectanglar	2000	25	230
FD-AFM2		Array Rectanglar Top Sensing	2000	25	290
FD-AFM2E		Array Rectanglar Side Sensing	2000	25	290
FD-B8		M6 Threaded Type	2000	25	600
FD-E12		Ultra-Small Diameter	1000	10	11
FD-E22		Ultra-Small Diameter, Coaxial	1000	25	45
FD-EG1		High Precision Coaxial M3 Threaded Type Lens Mountable	500	25	50
FD-EG2		High Precision Coaxial M3 Threaded Type Lens Mountable	500	10	40
FD-EG3		High Precision Coaxial M3 Threaded Type Lens Mountable	500	10	20
FD-EN50051		M3 15mm Sleeve Threaded Type	500	25	6.5
FD-ENM151		Coaxial M3 15mm Sleeve Threaded Type	1000	25	50
FD-F4		Liquid Level Sensing, Pipe Mountable 1mm Thick	2000	10	26
FD-F41		Liquid Level Sensing, Pipe Mountable 3mm Thick	2000	10	26
FD-F705		Liquid Leak Detection	5000	4	
FD-F8Y		Liquid Level Sensing	2000	40	
FD-FM2		Coaxial M6 Threaded Type	2000	25	410
FD-FM25		90mm Sleeve M6 Threaded Type	2000	25	370
FD-FM254		40mm Sleeve M6 Threaded Type	2000	25	370
FD-G4		Coaxial M4 Threaded Type Lens Mountable	2000	25	150
FD-G6		Coaxial M3 Threaded Type Lens Mountable	2000	25	150
FD-G6X		Coaxial Stainless Steel M3 Threaded Type Lens Mountable	1000	10	150
FD-H13-FM2		Heat Resistant, 130C	2000	25	310
FD-H18-L31		Fixed-Focus Reflective, Heat Resistant, 180C	2000	25	15
FD-H20-21		Coaxial, Guarded, Heat Resistant, 200C	1000	25	270
FD-H20-M1		Coaxial, Heat Resistant, 200C	2000	25	270
FD-H30-L32		Fixed-Focus Reflective, Heat Resistant, 300C	2000	25	15
FD-H35-205		90mm Sleeve, Guarded, Heat Resistant, 350C	1000	25	160
FD-H35-M2		Coaxial, Guarded, Heat Resistant, 350C	2000	25	270
FD-H35-M256		60mm Sleeve, Guarded, Heat Resistant, 350C	2000	25	270
FD-L4		Fixed Focus Reflective	2000	10	18
FD-L41		Fixed Focus Reflective	2000	10	18
FD-L43		Fixed Focus Reflective, Alignment	2000	4	23
FD-L44		Fixed Focus Reflective, Seating Confirmation	2000	10	7
FD-L445		Fixed Focus Reflective, Seating Confirmation	2000	10	4.5
FD-L45		Fixed Focus Reflective, Glass Substrate Detection	3000	4	50
FD-L46		Fixed Focus Reflective, Wafer Mapping	4000	25	37.5
FD-NFM2		M4 Threaded Type	2000	25	140
FD-NFM25		90mm Sleeve M4 Threaded Type	2000	25	140
FD-NFM254		40mm Sleeve M4 Threaded Type	2000	25	140
FD-P2		Flexible 2.5mm Cylindrical Type	1000	4	80
FD-P40		Flexible M3 Threaded Type	2000	4	50
FD-P50		Flexible 3mm Cylindrical Type	2000	4	130
FD-P60		Flexible M4 Threaded Type	2000	4	130
FD-P80		Flexible M6 Threaded Type	2000	4	300
FD-P81X		Stainless Steel Tough Flexible M6 Threaded Type	1000	10	270
FD-R80		Right Angle M6 Threaded Type	2000	25	240
FD-S80		3mm Cylindrical Type	2000	25	370
FD-SFM25V2		Side View	2000	25	100
FD-SNFM2		2.5mm Cylindrical Type	2000	25	140
FD-T40		M3 Small Diameter Threaded Type	2000	25	140
FD-T80		M4 Threaded Type	2000	25	370
FD-V41		Side View, Small Diameter	2000	25	55
FD-W44		Sharp Bending 40mm Sleeve M4 Threaded Type	2000	1	40
FD-W8		Sharp Bending M6 Threaded Type	2000	1	250
FD-WG4		Coaxial Sharp Bending M4 Threaded Type Lens Mountable	2000	2	85
FD-WKZ1		Long Sensing Range, Sharp Bending	2000	1	480
FD-WL41		Fixed Focus Reflective, Sharp Bending	2000	1	14
FD-W58		Sharp Bending 3mm Cylindrical Type	2000	1	250
FD-WSG4		Coaxial Sharp Bending 3mm Cylindrical Type	2000	2	85
FD-WT4		Sharp Bending M3 Threaded Type	2000	1	40
FD-WT8		Sharp Bending M4 Threaded Type	2000	1	250
FD-WV42		Side View, Sharp Bending	2000	1	15