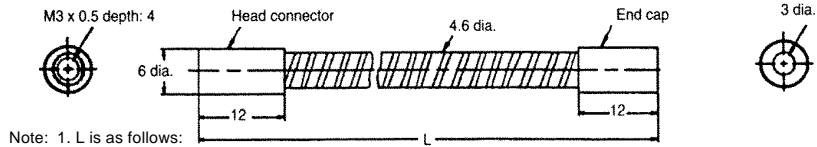
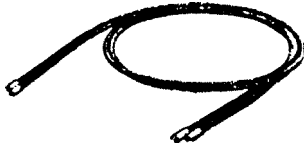


Unit: mm (inch)

■ PROTECTIVE STAINLESS STEEL TUBES

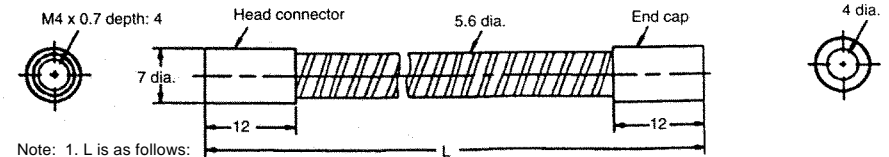
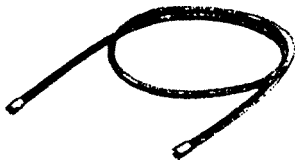
E39-F32A, E39-F32A5  
E39-F32B, E39-F32B5



Note: 1. L is as follows:  
E39-F32A and E39-F32B: 1,000  
E39-F32A5, E39-F32B5: 500

2. These are sold as pairs.

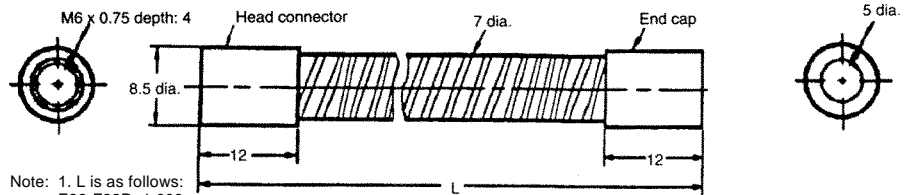
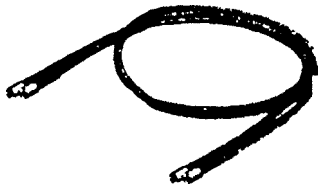
E39-F32C, E39-F32C5



Note: 1. L is as follows:  
E39-F32C: 1,000  
E39-F32C5: 500

2. These are sold as single pairs.

E39-F32D, E39-F32D5

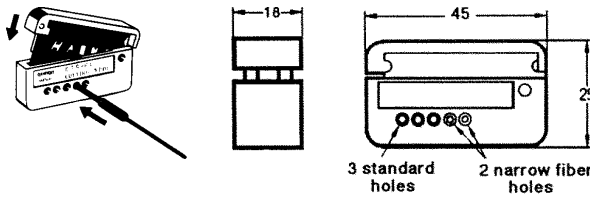


Note: 1. L is as follows:  
E39-F32D: 1,000  
E39-F32D5: 500

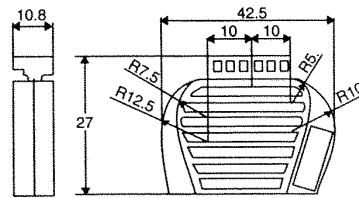
2. These are sold as single tubes.

■ ADAPTERS/REPAIR PARTS

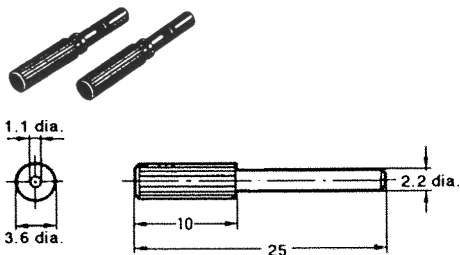
E39-F4  
Fiber cutter



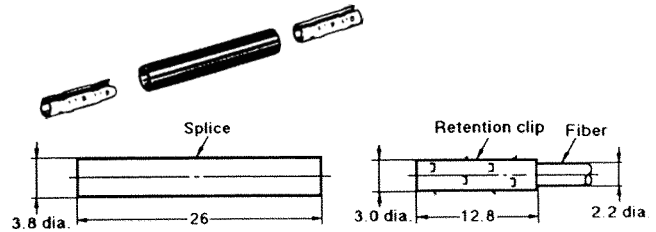
E39-F11  
Bending tool



E39-F9  
Attachment for thin fiber



E39-F10  
Fiber connector

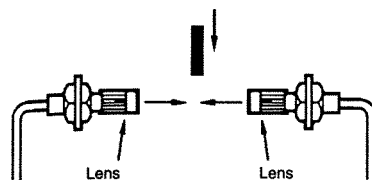


# Installation

## ■ INSTALLING ACCESSORIES

### E39-F1 Lens Kit

This pair of lenses increases the sensing distance of selected fiber-optic cables. To install, screw each lens onto the threaded tip of each sensing head.



Amplifier	Sensing distance with fiber-optic cables									
Part number	Fiber-optic cable	E32-T11	E32-T11L	E32-T11R	E32-TC50	E32-TC200	E32-TC200C	E32-TC500	E32-TC1000	E32-T61
E3X-A	w/ lens	1 m (3.3 ft)	1 m (3.3 ft)	1 m (3.3 ft)	1.5 m (4.9 ft)	1.5 m (4.9 ft)	800 mm (31.5 in)	1.5 m (4.9 ft)	1 m (3.3 ft)	1.5 m (4.9 ft)
	w/o lens	180 mm (7.1 in)	350 mm (13.8 in)	140 mm (5.5 in)	200 mm (7.9 in)	200 mm (7.9 in)	150 mm (5.9 in)	200 mm (7.9 in)	500 mm (19.7 in)	150 mm (5.9 in)
E3X-DA-N	w/ lens	4 m (13.1 ft)	4 m (13.1 ft)	4 m (13.1 ft)	Contact Omron	4 m (13.1 ft)	Contact Omron	Contact Omron	Contact Omron	4 m (13.1 ft)
	w/o lens	850 mm (33.5 in)	1.66 m (5.5 ft)	670 mm (26.4 in)	Contact Omron	950 mm (37.4 in)	Contact Omron	Contact Omron	Contact Omron	570 mm (22.4 in)
E3X-F	w/ lens	400 mm (15.8 in)	550 mm (21.7 in)	Contact Omron	—	670 mm (26.4 in)	350 mm (13.8 in)	—	1 m (3.3 ft)	450 mm (17.7 in)
	w/o lens	80 mm (3.2 in)	150 mm (5.9 in)	Contact Omron	—	80 mm (3.1 in)	60 mm (2.4 in)	—	500 mm (19.7 in)	60 mm (2.4 in)
E3X-H	w/ lens	2 m (6.6 ft)	2 m (6.6 ft)	2.1 m (6.9 ft)	3 m (9.8 ft)	3 m (9.8 ft)	1.6 m (5.2 ft)	3 m (9.8 ft)	1 m (3.3 ft)	3 m (9.8 ft)
	w/o lens	360 mm (14.2 in)	700 mm (27.6 in)	280 mm (11.0 in)	400 mm (15.7 in)	400 mm (15.7 in)	300 mm (11.8 in)	400 mm (15.7 in)	500 mm (19.7 in)	300 mm (11.8 in)
E3X-NH	w/ lens	2 m (6.6 ft)	2 m (6.6 ft)	2.1 m (6.9 ft)	Contact Omron	3 m (9.8 ft)	3.6 m (11.8 ft)	Contact Omron	Contact Omron	3 m (9.8 ft)
	w/o lens	360 mm (14.2 in)	700 mm (27.6 in)	280 mm (11.0 in)	Contact Omron	400 mm (15.7 in)	300 mm (11.8 in)	Contact Omron	Contact Omron	300 mm (11.8 in)
E3X-NHB	w/ lens	250 mm (9.8 in)	250 mm (9.8 in)	Contact Omron	Contact Omron	420 mm (16.5 in)	Contact Omron	Contact Omron	Contact Omron	Contact Omron
	w/o lens	90 mm (3.5 in)	90 mm (3.5 in)	Contact Omron	Contact Omron	55 mm (2.2 in)	Contact Omron	Contact Omron	Contact Omron	Contact Omron
E3X-NM	w/ lens	1.3 m (4.3 ft)	1.2 m (3.9 ft)	1.3 m (4.3 ft)	Contact Omron	2 m (6.6 ft)	800 mm (31.5 in)	Contact Omron	Contact Omron	2 m (6.6 ft)
	w/o lens	240 mm (9.4 in)	500 mm (19.7 in)	180 mm (7.1 in)	Contact Omron	270 mm (10.6 in)	200 mm (7.9 in)	Contact Omron	Contact Omron	180 mm (7.1 in)
E3X-NT	w/ lens	1.4 m (4.6 ft)	1.28 m (4.2 ft)	1.4 m (4.6 ft)	Contact Omron	2.1 m (6.9 ft)	850 mm (33.5 in)	Contact Omron	Contact Omron	2.1 m (6.9 ft)
	w/o lens	260 mm (10.2 in)	540 mm (21.3 in)	200 mm (7.9 in)	Contact Omron	290 mm (11.4 in)	210 mm (8.3 in)	Contact Omron	Contact Omron	190 mm (7.5 in)
E3X-NV	w/ lens	1.4 m (4.6 ft)	1.28 m (4.2 ft)	1.4 m (4.6 ft)	Contact Omron	2.1 m (6.9 ft)	850 mm (33.5 in)	Contact Omron	Contact Omron	2.1 m (6.9 ft)
	w/o lens	260 mm (10.2 in)	540 mm (21.3 in)	200 mm (7.9 in)	Contact Omron	290 mm (11.4 in)	210 mm (8.3 in)	Contact Omron	Contact Omron	190 mm (7.5 in)
E3X-NVG	w/ lens	120 mm (4.7 in)	120 mm (4.7 in)	Contact Omron	Contact Omron	190 mm (7.5 in)	100 mm (3.9 in)	Contact Omron	Contact Omron	130 mm (5.1 in)
	w/o lens	10 mm (0.4 in)	40 mm (1.6 in)	Contact Omron	Contact Omron	28 mm (1.1 in)	18 mm (0.7 in)	Contact Omron	Contact Omron	18 mm (0.7 in)
E3X-VG	w/ lens	120 mm (4.7 in)	120 mm (4.7 in)	Contact Omron	190 mm (7.5 in)	190 mm (7.5 in)	100 mm (3.9 in)	—	1 m (3.3 ft)	130 mm (5.1 in)
	w/o lens	10 mm (0.4 in)	40 mm (1.6 in)	Contact Omron	28 mm (1.1 in)	28 mm (1.1 in)	18 mm (0.7 in)	—	500 mm (19.7 in)	18 mm (0.7 in)