



## Fibre Optic In-line Enclosures

AFL's In-line Fibre Enclosures provide a quick and effective way to join or repair fibre cables in harsh environments such as underground pits, direct burial or aerial applications. All cable entry and exit ports are hermetically sealed and can be accessed and re-entered as required. All enclosures are supplied with splicing consumables, standard installation tools/accessories and instructions.

Included with every in-line enclosure model are AFL's single fibre fusion splice cassettes that can be easily accessed with standard tooling.



Small In-Line Loaded

### Features

- Robust, UV and chemical resistant polycarbonate shell for maximum performance in extreme conditions
- Three levels of sealing to suit particular applications (i.e. submersible, watertight and free-breathing)
- Individual cable entry ports for retrofitting of additional cables
- Improved cable clamping system in conjunction with conventional sealing tape removes the need for heat-shrink tubing
- No special tools required for installation

### Applications

- Fibre cable fusion splicing in pits, direct buried, aerial or pole mounting
- Fibre cable joining or repairs
- Fibre cable tap off and expressing



## Specifications

SPECIFICATIONS	SMALL IN-LINE ENCLOSURE	LARGE IN-LINE ENCLOSURE
Dimensions (L x W x H)	396 mm x 190 mm x 126 mm	590 mm x 320 mm x 215 mm
Maximum Splices	48	288
Cable Size	2 ports: maximum 5-13 mm 2 ports: maximum 5-16 mm 2 ports: maximum 5-20 mm	4 ports: 8-20 mm 4 ports: 8-26 mm
Pressure Testing Valve	Yes	Yes
Earthing Point	Yes	Yes
IP Rating	IP68	IP68
Aerial Mounting	Yes	Yes
Material	UV resistant and flame retardant Polycarbonate external housing	UV resistant and flame retardant Polycarbonate external housing, powder-coated mild steel internal mounting bracket
Ambient Temperature Range	-40°C to +65°C	-40°C to +65°C
Lockable	No	No



1. Small in-line enclosures are supplied with 1 to 4 cassettes for splicing a maximum of 48 splices
2. Large in-line enclosures are supplied with 1 to 12 cassettes for splicing a maximum of 288 splices

## Fibre Optic In-line Enclosures

### Standard Accessories

<p><b>SMALL ENCLOSURE</b></p>	<p>1 earth wire, 1 sheet of protection foil, 1 length of sandpaper, 1 roll of insulation tape, 1 lock nut wrench, 5 m of clear tube, 1 Velcro buckle tie, 1 Velcro strap, 1 roll sealant tape, 2 hexagon wrenches, 1 set of hanging hooks, 1 circumference template, 1 dessicant, instruction sheets.</p> <p>Note: the number of cassettes, splice protectors and cable ties supplied will depend on the required application</p>	
<p><b>LARGE ENCLOSURE</b></p>	<p>1 pressure valve, 1 earthing device, 1 earth wire, 1 sheet of protection foil, 1 length of sandpaper, 1 roll of insulation tape, 1 lock nut wrench, 15 m of clear tube, 1 Velcro buckle tie, 1 Velcro strap, 1 roll sealant tape, 1 hex wrench, 1 set of hanging hooks, 1 rubber mallet, 1 circumference template, 1 dessicant, instruction sheets.</p> <p>Note: the number of cassettes, splice protectors and cable ties supplied will depend on the required application</p>	

### Optional Accessories

PART NUMBER	DESCRIPTION	
SPLCASS-SSH-HD-6/12K SPLCASS-SSH-HD-12/24K SPLCASS-SSH-HD-18/36K SPLCASS-SSH-HD-48/96K	Additional splice cassette kit for small inline enclosure. Each cassette supplied with: 1 x 12F HD splice protector comb, 1 x cassette lid (1 per stack), 12 x heatshrink splice protectors, 2 x cable ties, 1 x instruction sheet, mounting screws, 1-12 labels	
SPLCASS-LSH-HD-12/24K SPLCASS-LSH-HD-24/48K SPLCASS-LSH-HD-36/72K SPLCASS-LSH-HD-48/96K SPLCASS-LSH-HD-60/120K SPLCASS-LSH-HD-72/144K SPLCASS-LSH-HD-84/168K SPLCASS-LSH-HD-96/192K SPLCASS-LSH-HD-108/216K SPLCASS-LSH-HD-120/240K SPLCASS-LSH-HD-132/264K	Additional splice cassette kit for large inline enclosure. Each cassette supplied with: 1 x 24F HD splice protector comb, 1 x cassette lid (1 per stack), 24 x heatshrink splice protectors, 4 x cable ties, 1 x instruction sheet, mounting screws, 1-24 labels	
SPLPROT-HS-2.5/45 SPLPROT-HS-2.5/62	<ul style="list-style-type: none"> <li>Splice protectors for small in-line enclosure, 12 pk</li> <li>Splice protectors for large in-line enclosure, 12 pk</li> </ul>	

### Ordering Information

