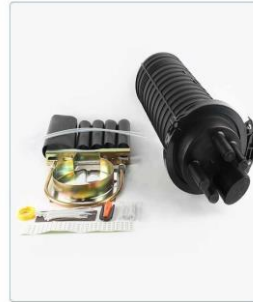


# DOME CLOSURE MECHANICAL ENTRY 48F – 144F



The Dome Closure allows the termination of up to 144 fibers (4-6 fibers per tray). The joint is available with either 6 circular ports or 1 oval port and 4 circular ports.

The enclosure allows the insertion and storage of continuous fiber loops both within the splice trays and within the dedicated fiber loop storage facility at the rear of the enclosure (Limited to small loops. Oval port base version required).

## Features and Benefits

- All fibers are positively managed to maintain a 30mm minimum bend radius within the joint.
- The closure base is available with either 6 circular entry ports, or an oval port with 4 circular ports.
- Cables up to 25mm in diameter can be installed into each port.
- Cables are sealed using adhesive lined heat shrink sleeves or mechanical seals. The base entry ports are pre-shot blasted and configured with easy knock out ends, eliminating the need for cutting and abrading.
- The joint is supplied with 24 splice trays, with each splice tray able to accommodate up to four spliced fibers.
- Splice trays hinge upwards individually, allowing full access to spliced fibers without disturbance to live fibers in adjacent trays.
- The joints are supplied with all of the components required to prepare, install and store the fibers of two cables. In cases where the oval port base is selected, the Oval Port Entry Kit is supplied instead of Circular Port Entry Kits.
- Additional cables can be installed into the circular ports of the joint for branch/spur configurations using SC CJ Cable Installation Kit.
- Additional cables can be installed into the oval port of the joint using an SC CJ Oval Port Cable Installation Kit.
- The joint is suitable for direct buried applications using Prysmian's recommendations. Please contact Prysmian for a copy of the drawing.



### Kit Contents

The Dome Closure is supplied with splice trays and all accessories required for the complete installation of two cables. And the Splice protectors.

### Additional Items

- Cable Entry Kit
- Mechanical Entry Kit
- Blown Fiber Kits
- Splice Protectors
- Support Tool
- Mounting Brackets

### Technical Data

• <b>Number of cable ports:</b>	5 circulars, or 1 oval and 4 circular
• <b>Maximum cable diameter (mm):</b>	25
• <b>Maximum number of splice trays:</b>	24 (96 fiber)
• <b>Maximum fiber capacity of Joint:</b>	96
• <b>Required space envelope (mm):</b>	390 x (w) 231 x (d) 164
• <b>Operating temperature:</b>	-40°C to + 70°C (5 to 95% RH)
• <b>IP Rating:</b>	IP68

### Material:

- **Cap:** Polypropylene
- **Base:** Phenolic resin
- **Splice trays:** FR High Impact Polystyrene

### Testing:

- **Closure sealing:** BT specification LN450B – IP68
- **Optical:** Tested 1310nm,1550nm and 1625nm
- **Dry heat:** BS EN 60068-2-2 Test Bb
- **Damp heat:** IEC 60068-2-3: 1969
- **Change of temperature:** IEC 60068-2-14: 1984
- **Vibration:** IEC 60068-2-6: 1995
- **Shock:** IEC 60068-2-27: 1987

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale



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