

Fibre Optic Enclosures

Dome Enclosure from 1 to 96 fibre capacity

This unique enclosure is quick and easy to install and requires no specialist tooling. Included with the enclosure is the universal fixing bracket for overhead post/pole and wall installations as well as the specially designed plug to utilise the cable bearer brackets in underground chambers. The enclosure has passed stringent specification requirements to LN450 as defined by British Telecom.

Specification

- ▶ **Water and air tightness Result - No Pressure Loss.**
- ▶ **Temperature cycling in water Result - No Pressure Loss.**
- ▶ **Axial 1000 newton pull test Result - No Pressure Loss.**
- ▶ **Water immersion test - No Pressure Loss**

Materials

Dome, adapter plug, universal fixing bracket and fixing pins environmentally friendly, UV resistant polypropylene collar clamping assembly glass filled nylon blend base polycarbonate / ABS blend.

Ordering Information

Small Dome Enclosure - 1 to 24 Splice Connections

With	No. Of Splice Connections	Part No.
0 Splice trays	0	SD00
1 Splice tray	12	SD01
2 Splice trays	24	SD02

Large Dome Enclosure - 1 to 96 Splice Connections

With	No. Of Splice Connections	Part No.
0 Splice trays	0	LD00
1 Splice tray	12	LD01
2 Splice trays	24	LD02
3 Splice trays	36	LD03
4 Splice trays	48	LD04
5 Splice trays	60	LD05
6 Splice trays	72	LD06
7 Splice trays	84	LD07
8 Splice trays	96	LD08

Technical Drawings



Vertical Mounting Position
(Wall/Wooden Pole)



Horizontal Mounting Position
(Wall/Wooden Pole)



Mounting to Cable Bearer



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Sealant for Dome Enclosures

Our sealant for dome enclosures is a unique polyurethane sealant for the Telecommunication industry, to ensure joints and cables are effectively sealed against the ingress of water and water vapour. The sealant is dispensed from a hermetically sealed 170ml co-axial cartridge system, once mixed through the mixing nozzle and applied the sealant is an inert material. The sealant cures inside the 15 minute short term "MEL" permitting the closure to be flash tested to prove the integrity of the installation. The specially developed co-axial cartridge allows greater control over the application of the sealant and reduces sealant wastage as the cartridge can be resealed. This sealant is fully compliant to meet the stringent requirement of COSHH.

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- ▶ Water immersion test - No Pressure Loss



Sealant applied to section of dome enclosure



Cross section



Ordering Information

Sealant Kit	
Description	Part No.
Sealant Kit	SEAL01