



Access Chambers

Joint Chamber



Applications:

Traffic Signals

The NAL Joint Chamber is a unique pre-formed access chamber with a frameless 12.5 tonne ductile iron cover. The chamber is manufactured from high density polyethylene (HDPE) and can withstand a vertical loading of 12.5 tonnes. This product has been designed to house loop joints in footway applications specifically when an installation does not benefit from having Carriageway loop chambers installed.

This chamber is generally installed adjacent to the back of the kerb and allows the cable to enter through a slot cut in the kerb joint and directly into the chamber. As this system does not require a frame, the cover can simply be removed and the slot can be cut directly into the chamber without affecting its performance. Additional cables can be added in a similar way at a later date if required.

Advantages

- ◇ Drop in frameless cover
- ◇ Enables Slot cutting without damage to cover and frame
- ◇ EN124 Class B125 vertical loading on both chamber and cover
- ◇ High strength to weight ratio
- ◇ Easy to drill duct entries
- ◇ Fully recyclable



A CRH COMPANY

Joint Chamber Specification

Loop chambers must be manufactured from structural foamed High Density Polyethylene (HDPE).

Loop chambers must be capable of withstanding vertical loads of 12.5 tonne.

Loop chambers must be completely recyclable at end of life.

Chambers must be supplied with lockable ductile covers test to EN124 B125 (12.5T).

Ductile iron covers must be housed securely within the top of the chamber and not require a separate frame.

Loop chambers and ductile iron cover must be under 20kgs in weight enabling safe manual handling by one person.

Loop chambers must be supplied to the above specification by NAL Ltd or an equally approved manufacturer.



