



BT Approved Kennedy Ducted Cable Chambers

European Design Registration No: 000751656-0001

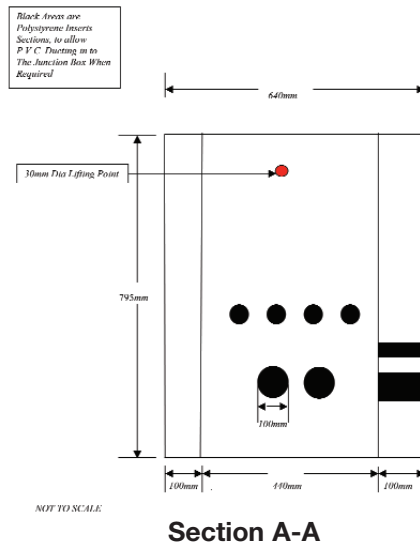
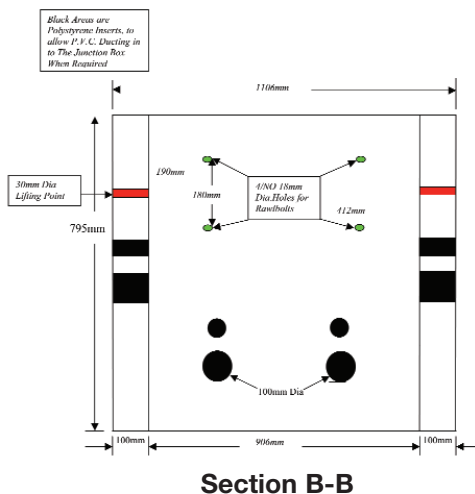
Kennedy J4 Junction Box

A major innovation with Kennedy J4 Ducted Cable Chamber is its unique one piece manufacture with reinforcements over coming self assembly and leakage problem associated with other manufactured units.



- Reinforced walls
- 100 mm shoulder to facilitate increasing the depth
- Easy knockout polystyrene cable entry points
- Easily manoeuvred with lifting eyes
- Ironmongery fitted

Kennedy J4 Junction Box



DIMENSIONS	L	W	H
Internal Dimensions	910mm	x 440mm	x 800mm
Weight	580kgs Each		
1 Load =	42/no (On 40ft Flat Trailer)		

BT APPROVED INSTALLATION GUIDELINES FOR THE KENNEDY CONCRETE J4 JUNCTION BOX

Kennedy

J4 Junction Box Location

- Refer to relevant design drawings for exact location of the J4 Junction Box.
- Establish the J4 Junction Box position centreline relative to site boundary lines.
- Establish finished ground level - cover must finish flush with finished ground level.
- Where proposed ground level slopes, the lowest level is the cover reference level, to be used at this stage.

Excavation

- Excavate the ground to a depth of approx 1 metre (850mm chamber height & 75mm base & 10 / 20mm mortar bedding or epoxy resin can be used & 45mm deep concrete infill cover) and excavate the ground opening to 1.5m X 1m approx to accommodate the chamber and the ducting into and out of the Kennedy J4 Junction Box.

Foundation Base

- Foundation Base should consist of 75mm thick semi-dry lean mix concrete; the Kennedy J4 Junction Box can be set on to the base after it has been levelled, in good ground conditions.
- In the event that ground conditions are not favourable, a suitable pad should be designed in accordance with an Engineer's specification.

Kennedy J4 Junction Box

- Place the Kennedy J4 Junction Box in to position on the base using a telescopic handler / rubber wheeled back actor / mini digger capable of lifting min 600kgs. and check the J4 Junction Box is level when lifting operation is complete.
- Place Manhole frame 45mm deep (without cover) in position on a 10mm / 20mm mortar bedding or epoxy resin on top of the Kennedy J4 Junction Box.
 - Finish Ground level must be known or established to within +/- 25mm tolerance.
 - Check that the pre-fitted brackets / bearers are secure and tighten if necessary using a 22mm spanner.
 - Determine which polystyrene cut outs are to be used for the cable ducting to enter and exit the Kennedy J4 Junction Box and cut them out using a hammer and chisel.

Backfill / Finish

- Backfill with Clause 804 Material as in Highway Specification or 63mm crusher run in layers not exceeding 250mm, compacted by vibrating plate with min weight of 75kgs and leave sufficient depth for concrete or tarmac finish.
- Finish off top of excavation with concrete or tarmac finish when laying path, ensuring the grouting lugs of the frame are properly embedded in the concrete / epoxy resin or tarmac.
- Kennedy J4 Junction Box cover and frame may be tilted slightly to correspond with any slope in proposed pavement - provided this does not result in a tripping hazard (Kennedy J4 Junction Box must be level)

Safety Ref Heavy Duty Covers

- Covers are heavy and require 2 person handling to lift and carry (Builders please note).
- One person may use a heavy duty cover lifter to pull cover on/off the Kennedy J4 Junction Box frame. Always use a heavy duty cover lifter when, pulling covers into position or when lifting afterwards for access to the Kennedy J4 Junction Box. Tee Bars are not suitable for this operation.
- Take precautions against trapping fingers / toes under covers when handling / lifting. Always use a wedge to support cover.

WEIGHTS

- Kennedy J4 Junction Box 1 x 580 kg (approx.)

Manufacturer Details

- Kennedy J4 Junction Box;



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