Demountable Highway Products
IP68 Bottle Joints

**Applications:** Traffic Signals, Street Lighting

NAL supply a range of innovative IP68 reusable cable bottle joints for single and multicore Traffic Signal and Street Lighting Cables. The system has a unique glancing system that does not require resin or gel to maintain the integrity of the electrical termination. This means it can be opened and resealed unlimited times without specialist tools, heat sources or chemical protection being required. The result is no COSHH or shelf life issues. The transparent enclosures enable the cable terminations to be viewed without opening the joint.

**Options**

The joints can be supplied with a range of internal terminal blocks and the outer canisters are available in a variety of colours. Options include straight and branch joints, multi-height variations, mounting chassis (standard and bespoke), plus joints for multi-core cables with O/D of up to 25mm.

**Quality and Certification**

- Spigot allows 360 degree rotation
- Assessed to meet the requirements of BSEN ISO9001:2000.
- Fully tested by BSI.
- Water and dust proof tested to IP68 Cat.1 (BS EN 60529).

**Approved**

Specified by the UK Highways Agency for all MIDAS installations and by many local authorities for inductive loop applications. Proven in over 60,000 locations worldwide.

**Construction Materials**

The joints are manufactured from rugged polycarbonate, glass filled polypropylene and nylon 6 with high impact strength at low temperatures. Temperature range: -40°C to +60°C.
Weight approx: 355g
Temperature range: -40°C to 60°C
Protection class: IP68 Cat. 1
External enclosure details: Polycarbonate
Glass filled nylon
Nitrile rubber
CE marked (BS EN60529:1992)

Large Bottle Joint

Small Bottle Joint