

# Re-usable Cable Joint Installation Guide

1. Ensure that cable diameter fall within the following clamping range:  
Feeder cable 8-16mm. Loop cable 4-8mm.
2. Ensure that all cable ends and joint components are clean and dry before attempting installation. Use a cloth, dampened with clean water to clean (DO NOT USE SOLVENT-BASED LIQUIDS).
3. Unscrew and remove clamp from the joint base and cap.
4. Pass cables through the appropriate gland.  
Note – it may be necessary to unscrew the gland clamping nut to release pressure on the gland seal to allow insertion of the cable.
5. Strip and prepare cables, use self amalgamating tape to bind and seal feeder cable sheath stripped end. This helps protect water ingress into the joint from damaged sheath and insulates the Steel Wire Armouring or foil screen.
6. Terminate cables with customer specified connection system allowing enough free cable within joint enclosure to avoid stress on the connection.
7. Remove dessicant bag from sealed polythene bag and place in enclosure with the indicator card/strip visable (indicator card/strip should be blue, if pink discard).
8. Position joint enclosure to the base cannister and secure using the clamp ensuring the clamp is fully tightened so that the clamp jaws are parallel or touching.
9. Ensure all cable outer sheaths are fully pushed through the gland seals and that wires to the termination are not under stress. Tighten all gland clamping nuts with the correct size.

#### Remember:

- The effectiveness of the joint is only as good as the quality of the installation assembly and materials used.
- Start with a clean joint.
- Only insert clean undamaged cable outer sheath through cable gland.
- Do not use solvent to clean joint or cable sheath.
- Use correct size spanners not grips or fingers to tighten gland nuts.
- Do not over tighten gland nuts.
- Do not stress cable to joint gland when placing completed joint into the chamber. The cable must be straight and parallel into the gland and not at an angle.

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