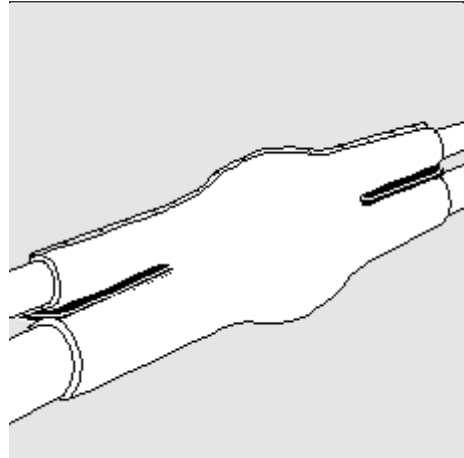




Raychem
from TE Connectivity



Installation Instruction

ESD-2401-01/17-NZ

4C flat flex to 4C flex



**Borehole Pump
Cable Jointing Kit**

DAB-JKIT 2.5 (805618)

DAB-JKIT 6 (805619)

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Before Starting

Check to ensure that the kit you are going to use fits the cable.

Refer to the kit label and the title of the installation instruction.

Components or working steps may have been improved since you last installed this product.

Carefully read and follow the steps in the installation instruction.

General Instructions

Use a propane (preferred) or butane gas torch.

Ensure the torch is always used in a well-ventilated environment.

Adjust the torch to obtain a soft blue flame with a yellow tip.

Pencil-like blue flames should be avoided.

Keep the torch aimed in the shrink direction to preheat the material.

Keep the flame moving continuously to avoid scorching the material.

Clean and degrease all parts that will come into contact with adhesive.

If a solvent is used follow the manufacturer's handling instructions.

Tubing should be cut smoothly with a sharp knife leaving no jagged edges.

Start shrinking the tubing at the position recommended in the instruction.

Ensure that the tubing is shrunk smoothly all around before continuing along the cable.

Tubing should be smooth and wrinkle free with inner components clearly defined.

Additional tools required to install joint kit

**Gas Torch((with soft flame nozzle approx. 25mm)/ Heat gun
Crimp Tool for pre-insulated crimps**

The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity has no control over the field conditions which influence product installation. It is the user's responsibility to determine the suitability of the installation method in the user's field conditions. TE Connectivity only obligations are those in TE Connectivity standard Conditions of Sale for this product and in no case will TE Connectivity be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products. Raychem, TE Logo and TE Connectivity are trade marks.

Ensure the cable are cleaned for a distance of 500mm from the end, this is so that the outer sheath is clean before parking the outer heatshrink sleeve (slide outer sleeve over one of the cables)
 Measure 180mm from the ends of both cables
 This will be the outer sheath removal point .



From the sheath removal mark measure a further 100mm this is the area that needs to be abraded prior to removing the outer sheath of the cables.
 (280 mm from the end of the cable)

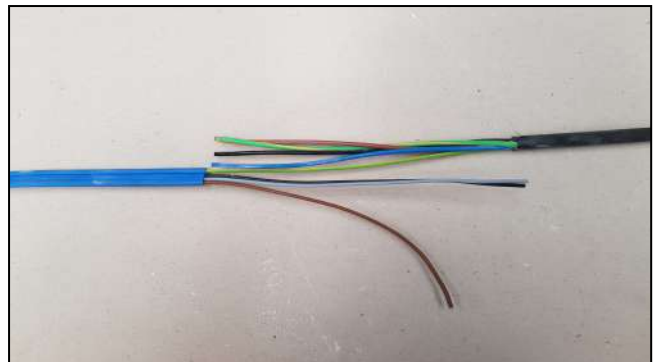


Strip the outer sheaths from both cables (180 mm)

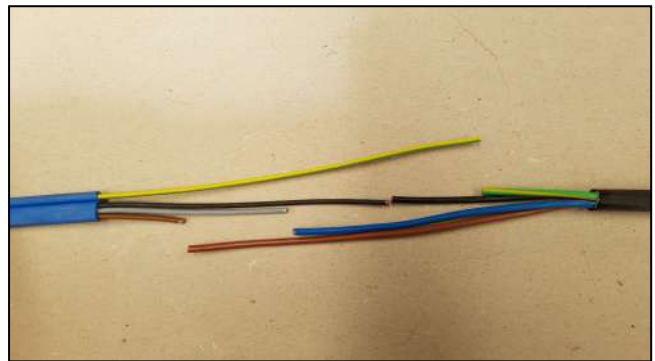
Do not damage insulation on the cores!

DAB WIRE IDENTIFICATION

1 PHASE		3 PHASE	
Earth	Yellow/Green	EARTH	Yellow/Green
Phase	Grey	Phase 1	Black
Neutral	Black	Phase 2	Grey
Capacitor	Brown	Phase 3	Brown



On one of the cables stagger the cores as shown, starting with the first core cut this at a position of 30mm from the outer sheath cut, mark the next core 40mm from this , then the next another 40mm from previous and then the final core 40mm from the last one .

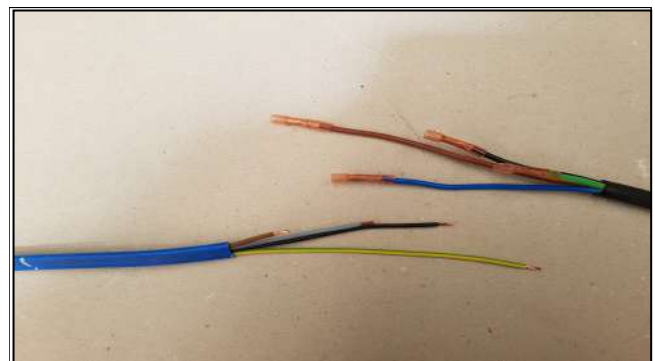


With the other cable cut the cores in the same way so that the core marking match, in a staggered formation.

Ensure outer sealing sleeve is positioned on one of the cables before crimping!!

Strip the insulation from the cores for half the length of the connector.
 Ensure that the insulation butts up against the crimp and is covered by the outer sleeve.

Crimp connectors into position **using a crimping tool for insulated connectors**

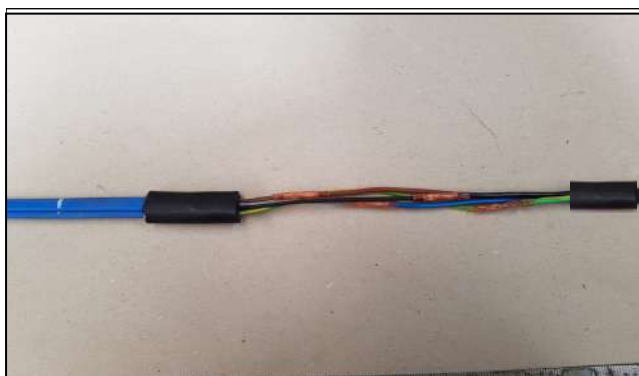


When the links have been connected , heat them up so that the sleeves shrink using a gas torch or heat gun (do not burn insulation on cores)
When shrunk correctly adhesive will show at the end of the sleeves.



Clean and degrease the previously abraded outer sheaths.

Apply one layer of black mastic on the outer sheaths of both cables, level with the sheath removal position



Position outer sealing sleeve centrally over the joint area.



Start shrinking in the middle of the sleeve and then working out to the ends.



When the sleeve has been shrunk sufficiently adhesive will be showing at the ends,
Let the joint cool completely before moving or applying any mechanical force to it



Please dispose of all waste according to environmental regulations.

