

Raychem

Double Joint™
repair joint for single
and three-core
polymeric cables





Double Joint™ repair joint for single and three-core polymeric cables

Raychem introduces the Double Joint™ extra-long heat-shrinkable Repair Joint – another problem-solving product based on materials science expertise.

In an emergency repair, why make two joints when one Double Joint™ will do the job?

Many times a dig in, cable failure or joint failure makes it necessary to remove and replace a small section of cable. Until now the only alternative facing busy utility engineers in such an emergency situation has been to splice in a new piece of cable by making two new joints. The Double Joint™ extra-long joint, allows the joiner to remove (depending on the connector type) between 30 and 45 cm of damaged cable without requiring a second joint.

Get back in service quickly.

Because you only use one joint, you cut cable preparation time in half. And because the Double Joint™ uses Raychem's unique elastomeric technology, the joint installation time is minimized.

Repair single or three-core cables.

Double Joint™ comes in kits designed for single or three-core polymeric cables. Kits are available for 12, 17.5 and 24 kV unarmoured cables.

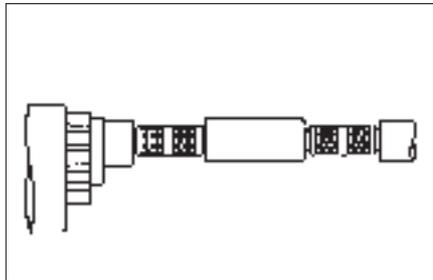
Double Joint™ offers all the reliability and installer-friendly benefits you have come to expect from Raychem.

The new joint is factory-engineered to be easy to install in emergency situations. It is designed for a long service life, constructed from high performance Raychem materials that have proved their reliability in the field for twenty years.

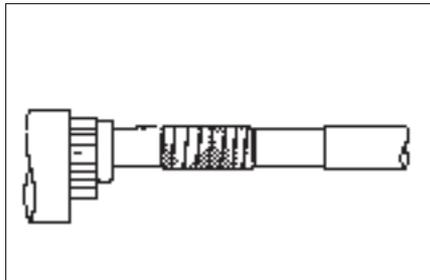
Why not keep a few Double Joints™ in stock and be prepared for the next emergency cable repair?

Double Joint™ repair joint for single and three- core polymeric cables

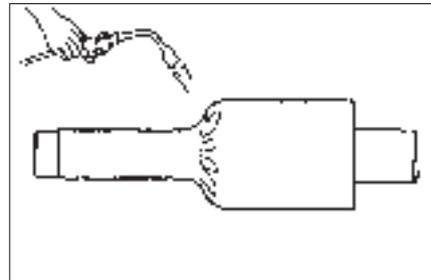
Installation Steps



1. Cut out the fault, prepare the cable ends, park the sleeves and splice in the replacement piece of cable.



2. Install the stress-controlling void filler and recover the stress control sleeves.



3. Recover the dual-wall insulating/conductive sleeve and the outer jacketing sleeves. Energize the line and relax!

Product Selection

| Voltage class (kV) | Application range (mm ²) | 1-CORE | | | 3-CORE | | |
|-----------------------|---|------------------------------|----------------------------|------------------------------|----------------------------|------|------|
| | | Working length required (mm) | Finished joint length (mm) | Working length required (mm) | Finished joint length (mm) | | |
| 12 | 35 – 95 | REPJ 12A/1XU | 1700 | 1120 | REPJ 12A/3XU | 2600 | 1730 |
| | 120 – 185 | REPJ 12B/1XU | 1700 | 1120 | REPJ 12B/3XU | 2600 | 1730 |
| | 240 – 400 | REPJ 12C/1XU | 1700 | 1120 | REPJ 12C/3XU | 2900 | 1830 |
| | 500 – 800 | REPJ 12D/1XU | 1700 | 1120 | REPJ 12D/3XU | 2900 | 1830 |
| 17,5 | 25 – 70 | REPJ 17A/1XU | 1700 | 1120 | REPJ 17A/3XU | 2600 | 1730 |
| | 150 – 195 | REPJ 17B/1XU | 1700 | 1120 | REPJ 17B/3XU | 2600 | 1730 |
| | 185 – 300 | REPJ 17C/1XU | 1700 | 1120 | REPJ 17C/3XU | 2900 | 1830 |
| | 400 – 630 | REPJ 17D/1XU | 1700 | 1120 | REPJ 17D/3XU | 2900 | 1830 |
| 24 | 25 – 50 | REPJ 24A/1XU | 1700 | 1120 | REPJ 24A/3XU | 2600 | 1730 |
| | 70 – 120 | REPJ 24B/1XU | 1700 | 1120 | REPJ 24B/3XU | 2600 | 1730 |
| | 150 – 240 | REPJ 24C/1XU | 1700 | 1120 | REPJ 24C/3XU | 2900 | 1830 |
| | 300 – 630 | REPJ 24D/1XU | 1700 | 1120 | REPJ 24D/3XU | 2900 | 1830 |

All the above information, including drawings, illustrations and graphic displays, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. It does, however, under no circumstance constitute an assurance of any particular qualities. Such an assurance is only provided in the context of our product specifications.

Our liability for this product is set forth in our standard terms and conditions of sale. The user of this product must on his own responsibility evaluate the suitability of the product for its intended application.

Raychem and Double Joint are trademarks of Raychem Corporation.

At Raychem we are committed to continuous quality improvement in every aspect of our business.

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