

BMHA Rayligator II

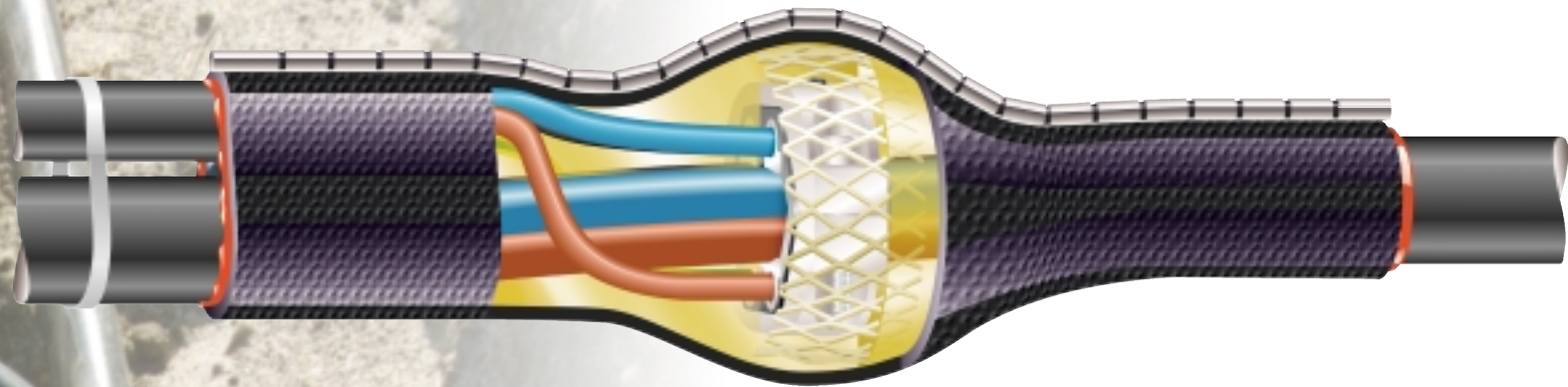
1 kV Heat-Shrinkable Branch Joint
for 4-core PVC Insulated Cables without Armour
using Multi-core Connectors

BMHA - Rayligator II, a clever design

- Prepare - Connect - Shrink
- Green non toxic filler material
- Robust and environmentally friendly components
- No mixing required
- Unlimited shelf life
- Compact design
- Few components
- Improves installation simplicity and reliability
- Life installation
- Avoids contaminated bulky waste and costly waste disposal
- Exceeds the requirements of CENELEC HD 623



1 kV Heat-Shrinkable Branch Joint for 4-core PVC Insulated Cables without Armour using Multi-core Connectors



Modern jointing

Raychem introduces a filled branch joint for low voltage PVC insulated cables as a revolutionary alternative to the two component filler system. Based on Raychem's outstanding materials science, this technology is yet another breakthrough in modern jointing. The pre-engineered components allow for:

- compact design
- few components
- simple and fast installation
- life installation
- range taking
- less waste for disposal

Green filler material

The Rayligator II uses a green non toxic, robust and environmentally friendly material to fill the entire joint area. This filler material with superior performance is an integrated component of the outer reinforced rugged fibre heat-shrinkable wraparound. No mixing in the field and no chemical reaction is required.

Shelf life restrictions

The Rayligator II joints have no shelf life restrictions compared to conventional two component filler systems.

Robust outer sealing and protection

Modern cable laying techniques require a robust oversheath replacement capable of withstanding high mechanical stresses during conventional cable laying as well as mechanical impacts during the entire life time of the cable. The reinforced rugged fibre heat-shrinkable wraparound is internally coated with a hot melt adhesive to ensure an effective moisture seal and a corrosion protection of the joint. This wraparound ensures a tough and robust joint.



Void free

Cross section disc shows a perfectly filled inner joint area.

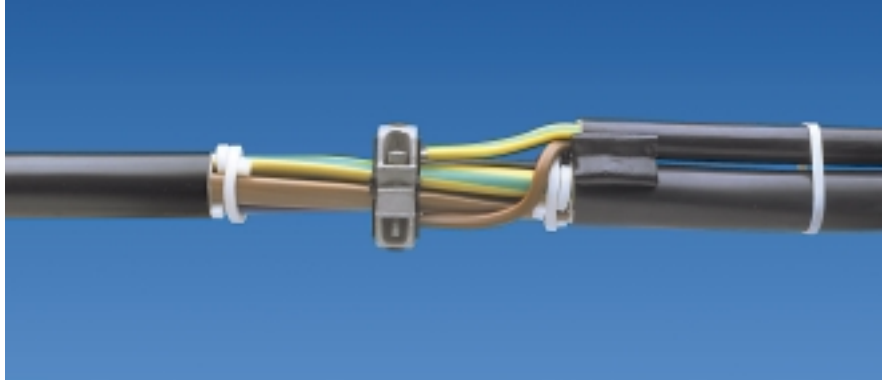
Jointing is easy

Each kit contains an easy to follow installation instruction with excellent visual displays of each installation step. The installation is both fast and simple and only related to following steps:

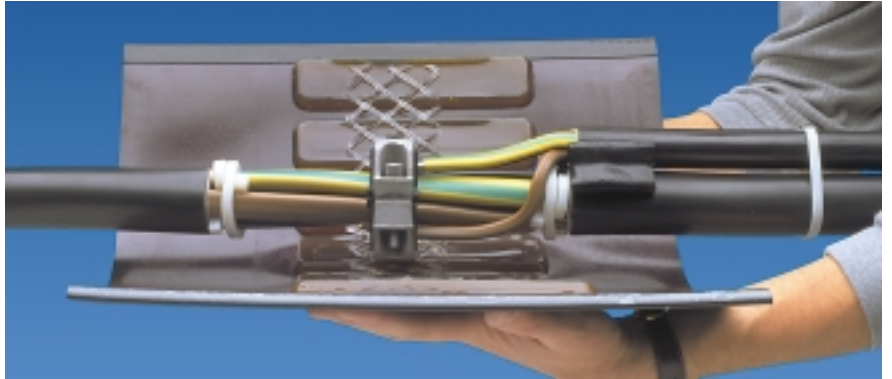
Prepare - Connect - Shrink

Prepare the cable in the standard way and place core separators into the crutch. Install the connector and connect the branch cable.

Seal the gap between the main and the branch cable with mastic.



Position the wraparound with the integrated filler material and the spacer net around the multi-core connector.

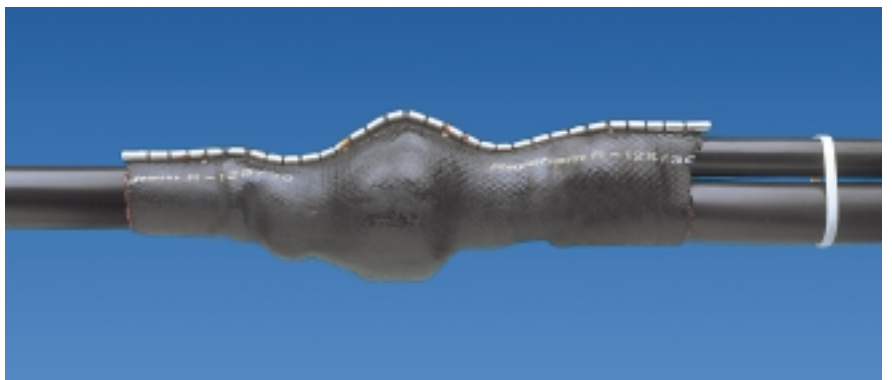


Close the wraparound and shrink at both ends with a regular shrink flame.

Continue the installation in the centre of the sleeve.



The installation is finished when the shape of the connector becomes visible and the transition areas are smooth.



This is the kit ...

This set of the pre-engineered components require no special tools.



Summary of test reports performed on Rayligator II

CENELEC HD 623

The Rayligator II joints are tested in accordance with CENELEC specification HD 623 which encompasses international standards such as IEC, British Standards and VDE.

Additional tests

Low temperature performance, impact test, life installation

Raychem cable accessories have been used by utilities and industrial companies around the world for more than 30 years. This field experience has enabled Raychem to be a leader in the material technology for cable accessories.

•Wedge technology products •Electrical connectors •Cable accessories •Asset protection •Surge arresters •Insulators •Electrical connectors •Fittings •Associated toolings

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