

One shell • Two joint sizes • All 3-core cable types

240/300 MULTI JOINT



A resin-filled, plastic-shelled jointing solution for 3-core distribution cables — utilising Nexans' long-established JTS heat shrink technology for a compact, robust and repeatable joint build.



Quality matters. So does simplicity.

When time is tight and consistency is non-negotiable, jointing must be straightforward, repeatable and reliable.

Nexans 240/300 Multi Joint combines a rigid protective enclosure with Nexans JTS heat shrink joint technology - reducing kit complexity and supporting efficient installation.

One shell supports two joint ranges

reducing complexity in stockholding

Nexans triple-wall heat shrink tube technology

fewer components and reduced installation time using the long proven Nexans JTS heat shrink technology

Mechanical connector

Split bolt mechanical connector to aid ease of installation

Assembled in the UK,

using **EU-sourced components** and a **recycled plastic shell**

Built around Nexans' established, reliable

JTS technology platform



JTS heat shrink technology – the joint build, simplified

At the core of the Multi Joint system is Nexans JTS heat shrink design: engineered to build the joint with integrated electrical functions and a consistent installation method.

Integrated triple-wall tube design

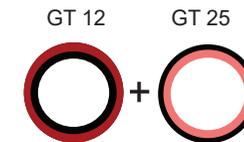
For key voltage classes, JTS uses an integrated TRIPLE GT125 heat shrink tube combining:

- Stress control field
- Insulation
- Conductive layer

...in a single body — reducing “tube nesting/positioning” steps that can lead to typical jointing errors.

Field control at the connector area

A double-layer pad (conductive rubber inside, HK orange mastic outside) helps form a Faraday cage effect and smooth the electrical field around the connector area.



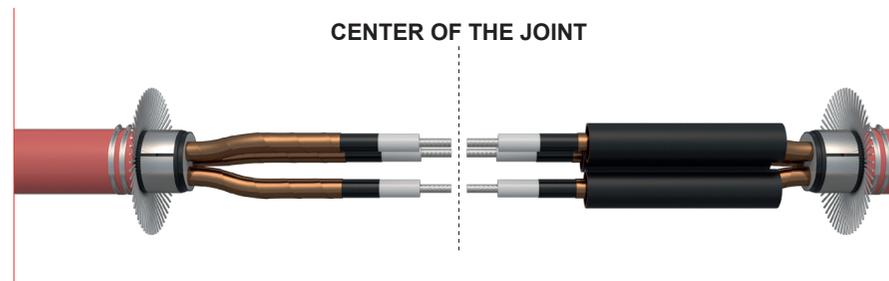
Built for repeatability – fewer components, clearer steps

The Nexans JTS heat shrink components are intended to reduce install time, while keeping cable preparation work standardised.

Key system advantages

- **Reduced component count:** “one tube for three functions” in many applications (stress control + insulation + conductive).
- **Simplified stress control** using a 2-layer plate (no need to conform mastic before shrinking the tube).
- **Connector flexibility:** designed for split bolt connectors for simplicity and space saving.
- **Proven test basis:** Nexans Multi Joints are type tested in accordance with **IEC 60502-4** and **Cenelec HD629.3 S1**.

Protective enclosure: the rigid shell provides the secure enclosure for resin filling and curing, helping protect the joint build post completion.



One solution for real-world network scenarios

The Nexans Multi Joint supports jointing across legacy and modern 3-core cable types, helping installers bridge older infrastructure with current polymeric specifications.

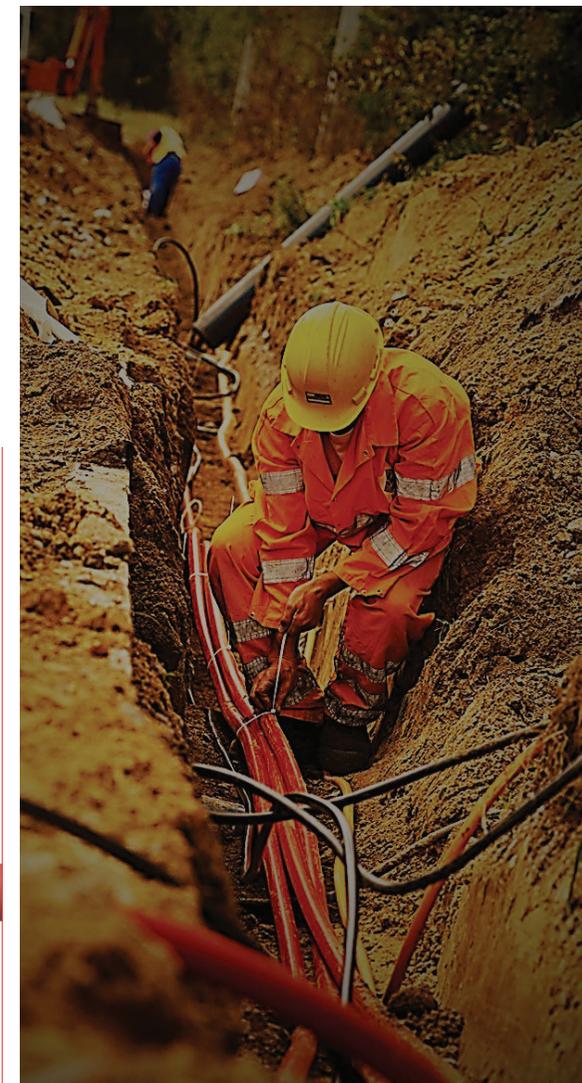
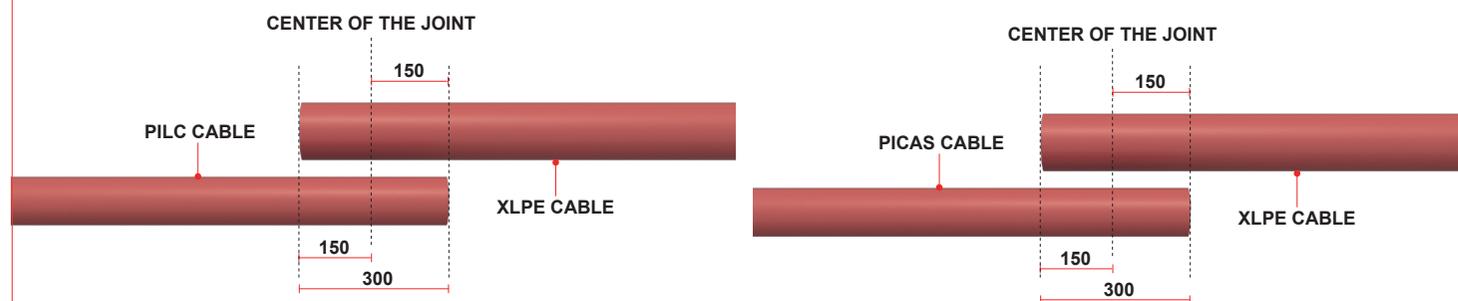
Cable compatibility

- Enables **PILC or PICAS** cable to be jointed to **3-core polymeric XLPE** cable

Whether you're maintaining existing assets or connecting into newer polymeric systems, Multi Joint is designed to support a consistent resin-filled joint build using proven Nexans JTS technology principles.

PILC and PICAS CABLE PREPARATION

- Position the cables in their final route.
- Clean the outer sheath of each cable for a length of approximately 1 m from the intended joint area.
- Overlap the cable ends by approximately 300 mm.
- Confirm that the overlap is sufficient to allow for correct jointing and mechanical integrity.
- Ensure all contaminants such as dirt, grease, and moisture are removed.
- Mark the centre clearly with a suitable marker to establish the reference point for subsequent jointing operations.



Connectors and installation – straightforward and repeatable

Connector options (depending on kit/build)

Multi Joint builds are configured with two split bolt connector size options designed to simplify installation.

Split-bolt option

- Ranges include **70-240, 120-300**



Cat. no.	AL in mm ²			CU in mm ²		Number of bolts	Dimensions mm					Tool/outer and inner hexagon
	rm(v) round stranded	re round solid	sm round stranded	rm(v) round stranded	sm sector stranded		L	d ₁	D	b	d ₂	
SB70-240 SPLIT-BOLT	70-240	70-240	70-240	70-240	70-240	5	144	22	35	56	26	SW13 & SW6
SB120-300 SPLIT-BOLT	120-300	120-300	120-240	120-300	120-240	5	170	25	38	67		SW13 & SW6

Typical installation overview

- 1 Select the correct joint size range (70–240 mm² or 120–300 mm²)
- 2 Prepare cable ends per instructions / standard practice
- 3 Install the connector
- 4 Apply JTS heat shrink components (tube + pad / screen continuity / sheath restoration as supplied)
- 5 Close and seal the shell enclosure
- 6 Fill with resin and allow to cure per instruction

Always follow Nexans instructions and applicable standards for preparation, heating/shrinking, resin manufacturer guidelines.



Designed for sustainability, supply and simpler stockholding

The recycled ABS (R10) shell supports reduced material impact, while UK assembly helps provide localised control — using proven EU-sourced Nexans JTS joint components for quality and standardisation.

What you can expect from Nexans

- Proven expertise in cable accessories and connection solutions
- Support for product selection and application guidance
- A focus on performance, practicality and consistency
- **Expert training for installation teams**, via the UK training facility



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Talk to Nexans about 240/300 Multi Joint

For availability, specifications and application guidance,
contact your Nexans representative or visit:

