

RHTJ-(7-36)X (Trifurcating Joint)

For Connecting Polymeric Insulated Medium Voltage Cables up to 36kV

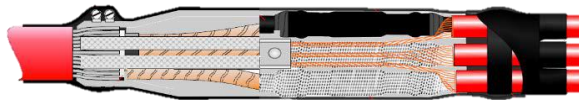
The RHTJ-X range of kits are designed for joining three core polymeric insulated cables to three individual single core cables. They can be used with both compression and mechanical type connectors. Further kits are available for connecting three core paper insulated cables – see RHTJ-PX

Kit Contents:

Typical kit for armoured 3 core cable to 3 x 1 core cables

- | | |
|---|---|
| 1. Conductor Connector (optional- can be supplied if specified) | 7. Armour/Screen Tinned Copper Braid |
| 2. Heat Shrinkable Stress Control Tube | 8. Screen Wire Connectors |
| 3. Stress Grading Mastic | 9. Tinned Copper Mesh |
| 4. Heat Shrinkable Insulation Tubes (*type & number varies with joint – see note below) | 10. Heat Shrinkable 3 Core Breakout for Sealing Single Core End |
| 5. Black Sealing Mastic | 11. Heat Shrinkable Outer Protection Tube(s) |
| 6. Armour Support Ring / Worm Drive Clips | 12. Full Installation Instructions & Cleaning Wipe |

**A 12kV Joint has a dual wall insulating/conductive tube above the stress control tube. For 24kV applications a further insulating tube is added between the stress control tube and dual wall tubing. For 36kV applications, two additional insulating tubes are added between the stress control and dual wall tubing.*

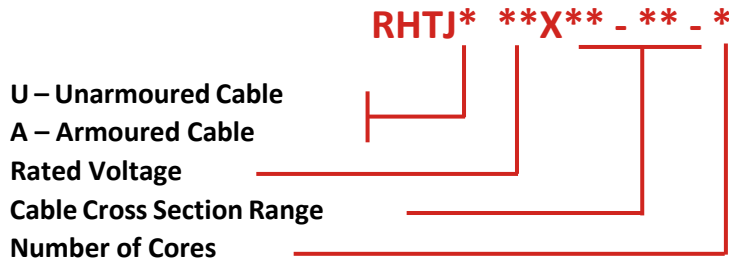


Typical arrangement for a 3 core armoured and tape screen polymeric cable jointed to three single core un-armoured, copper wire screened cables.
Example product code: **RHTJU-12X 95-240**



Typical arrangement for a 3 core armoured PILC cable jointed to three single core un-armoured, copper wire screened cables.
Example product code: **RHTJU-12PX 95-240**

Product Code Information:



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Heatshrink MV Cable Joint Kits



D A T A S H E E T

7.5kV



Cross Section (mm ²)	3 core cable Construction	Kit Number Transition from 3c Polymeric cable	Kit Number Transition from 3c PILC/HSL cable
35 - 95	No armour	RHTJU 7X 35-95	RHTJU 7PX 35-95
	Armoured	RHTJA 7X 35-95	RHTJA 7PX 35-95
95 - 240	No armour	RHTJU 7X 95-240	RHTJU 7PX 95-240
	Armoured	RHTJA 7X 95-240	RHTJA 7PX 95-240
185 - 400	No armour	RHTJU 7X 185-400	RHTJU 7PX 185-400
	Armoured	RHTJA 7X 185-400	RHTJA 7PX 185-400

12kV



Cross Section (mm ²)	3 core cable Construction	Kit Number Transition from 3c Polymeric cable	Kit Number Transition from 3c PILC/HSL cable
35 - 95	No armour	RHTJU 12X 35-95	RHTJU 12PX 35-95
	Armoured	RHTJA 12X 35-95	RHTJA 12PX 35-95
95 - 240	No armour	RHTJU 12X 95-240	RHTJU 12PX 95-240
	Armoured	RHTJA 12X 95-240	RHTJA 12PX 95-240
185 - 400	No armour	RHTJU 12X 185-400	RHTJU 12PX 185-400
	Armoured	RHTJA 12X 185-400	RHTJA 12PX 185-400

17.5kV



Cross Section (mm ²)	3 core cable Construction	Kit Number Transition from 3c Polymeric cable	Kit Number Transition from 3c PILC/HSL cable
35 - 95	No armour	RHTJU 17X 35-95	RHTJU 17PX 35-95
	Armoured	RHTJA 17X 35-95	RHTJA 17PX 35-95
95 - 240	No armour	RHTJU 17X 95-240	RHTJU 17PX 95-240
	Armoured	RHTJA 17X 95-240	RHTJA 17PX 95-240
185 - 400	No armour	RHTJU 17X 185-400	RHTJU 17PX 185-400
	Armoured	RHTJA 17X 185-400	RHTJA 17PX 185-400

24kV



Cross Section (mm ²)	3 core cable Construction	Kit Number Transition from 3c Polymeric cable	Kit Number Transition from 3c PILC/HSL cable
35 - 95	No armour	RHTJU 24X 35-95	RHTJU 24PX 35-95
	Armoured	RHTJA 24X 35-95	RHTJA 24PX 35-95
95 - 240	No armour	RHTJU 24X 95-240	RHTJU 24PX 95-240
	Armoured	RHTJA 24X 95-240	RHTJA 24PX 95-240
185 - 400	No armour	RHTJU 24X 185-400	RHTJU 24PX 185-400
	Armoured	RHTJA 24X 185-400	RHTJA 24PX 185-400

36kV



Cross Section (mm ²)	3 core cable Construction	Kit Number Transition from 3c Polymeric cable	Kit Number Transition from 3c PILC/HSL cable
35 - 95	No armour	RHTJU 36X 35-95	RHTJU 36PX 35-95
	Armoured	RHTJA 36X 35-95	RHTJA 36PX 35-95
95 - 240	No armour	RHTJU 36X 95-240	RHTJU 36PX 95-240
	Armoured	RHTJA 36X 95-240	RHTJA 36PX 95-240
185 - 400	No armour	RHTJU 36X 185-400	RHTJU 36PX 185-400
	Armoured	RHTJA 36X 185-400	RHTJA 36PX 185-400

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