# Premolded one-piece cable joint, 245 kV
# – straight through JS
# – with screen interruption JX



## Use
For jointing XLPE- and EPR-insulated 245 kV cables with Al- or Cu-conductor.

## Standard
Meets the requirements of:
- IEC 62067 including Annex D
- IEEE 404

## Design
The joint body is made of rubber in three layers: a conductive inner layer, an insulating layer and a conductive outer layer. The cable joint has a prefabricated PUR casted copper casing as a protective outer jacket.

The joint is supplied complete with bolted cable connector for both conductor and screen.

## The joint is available in two different types
**JS** Straight cable joint with heat-shrink outer jacket.
**JX** Cable joint with integrated screen interruption and heat-shrink outer jacket.

## There are joints for different types of cable screen
**C** For cables with copper wire screen.
**P** For aluminium laminated cables (APL).
**M** For cables with metal sheath; lead, corrugated copper/aluminium or corrugated stainless steel.

## The following cable data should be stated when ordering, see page 5/1:
- Voltage
- Diameter over prepared insulation
- Conductor cross section
- Conductor material copper or aluminium
- Diameter of conductor
- Screen, sheath design and cross section
- Overall cable diameter
- Optical fibres integrated in screen

## Note:
- Torque wrench and installation tool RKM 245 are needed for assembling (installation cone is included).
- For corrugated aluminium and stainless steel the flux is not included in the soldering kit. For flux, please contact your local supplier.

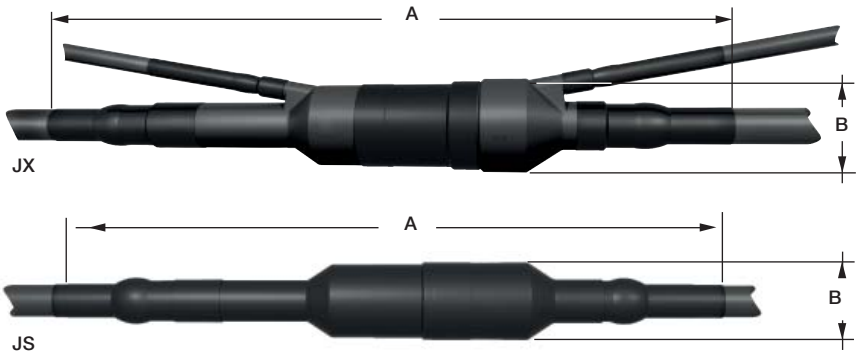
**JS**
Premolded straight cable joint.

**JX**
Premolded cable joint with screen interruption.

| Voltage | Cable insulation diameter | | Outer sheath | Conductor cross section |
|---|---|---|---|---|
| | min | max | max Ø | |
| kV | mm | | mm | mm² |
| 245 | 74 | 120 | 143 | 500–2500 |

# Technical specification, tools and accessories
## JS 245 and JX 245 kV






| Description | Designation | Dimensions | | Net weight |
|---|---|---|---|---|
| | | A | B | |
| | | mm | | kg |
| Cable joint with casing | JS-A 245 P | 2690 | 326 | 170–200 |
| | JS-A 245 M | 3250 | 325 | 180–210 |
| | JS-A 245 C | 3250 | 325 | 170–200 |
| Cable joint without casing and with outer heat-shrink protection | JS-B 245 C | 2280 | 290 | 170–200 |
| Cable joint with casing and integrated screen interruption | JX-B 245 P | 2730 | 355 | 170–200 |
| | JX-B 245 M | 3060 | 370 | 180–210 |
| | JX-B 245 C | 2730 | 355 | 170–200 |

### JS 245 and JX 245

| Insulation diameter | Joint body size | Insulation diameter | Joint body size |
|---|---|---|---|
| mm | | mm | |
| 74–81 | 10 | 92–102 | 13 |
| 79–87 | 11 | 100–110 | 14 |
| 85–94 | 12 | 108–120 | 15 |

### Accessories, to be ordered separately

**RKM 245**
Installation tool.

**OKJ 1**
Opto fiber kit for cables with integrated optical fibers in the screen.

| Designation | Description |
|---|---|
| RKM 245 | Installation tool including installation cone |
| OKJ 1 | Kit for optical fibers |
| Soldering kit | For soldering of the casing halves if required (only P and C versions) |