

# PRODUCT DATASHEET

## Fixed Cable Joint Kit

### KDF500

Primary cable 1x6mm<sup>2</sup>



### KDF510 for unscreened and screened cable



KDF500 & KDF510 are designed for jointing two primary cables permanently. Typically, joint kits are used instead of connector kits when primary cable is extended. EFLA heat shrink joints are reliable and easy to install. The stress control tube and the insulating sleeve are combined in the joint. This reduces the number of components and makes installation work quicker.

KDF fixed cable joints are packed and delivered in kits including all the necessary parts for making the assembly on primary cable. Each fixed cable joint kit contains components for one connection.

- Available for screened cables (KDF500) and unscreened cables (KDF510)
- Nominal rating: 25 A and 5000 V
- Suitable for copper tape and braided screen
- Visualized installation instructions
- Cable diameter 7,0 - 22,0 mm (0.276 - 0.866 inches)
- Installation length 250 mm
- Conductor size 6 mm<sup>2</sup> (8 AWG)
- ROHS compliance with EU directive NO2002/95/EC

### Technical data

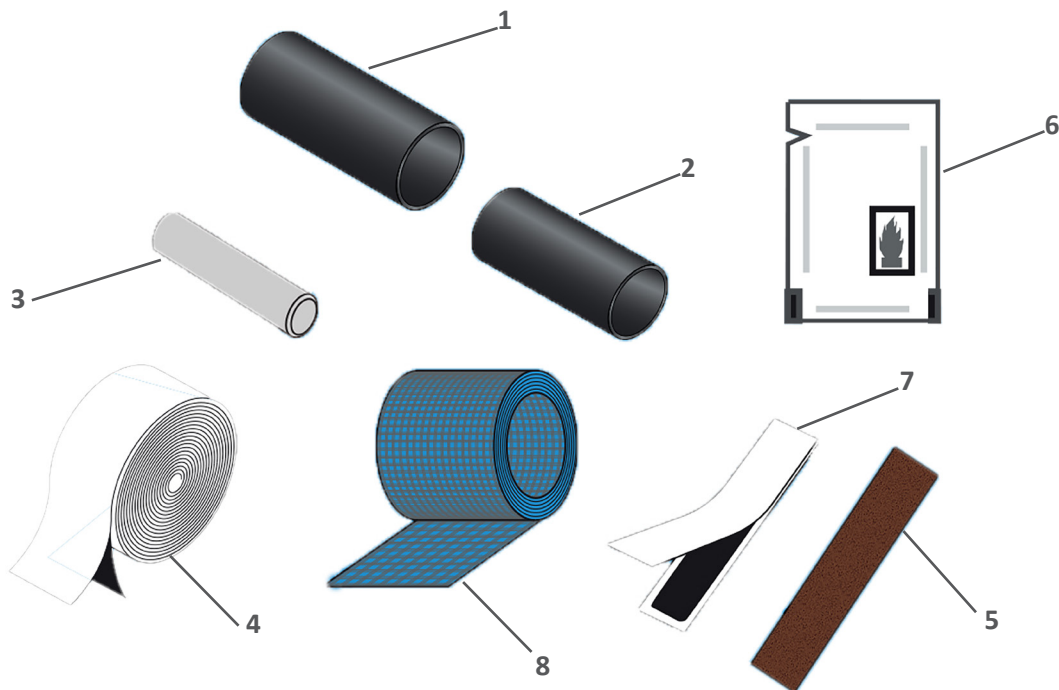
EFLA Type	Description	Conductor size [mm <sup>2</sup> ]	AWG	Cable diameter [mm, inch]	Length of assembly [mm, inch]
KDF500	HJ11.0501C-EFLA	6	8	7,0 - 22,0 mm 0.276 - 0.866"	250 mm, 9.842"



## Content:

The joint kit is suitable for single core wires with screen or without screen, containing the components for one core. The joint kit is used for jointing of 5 kV cables with XLPE insulation and copper wire shield. The kit is suitable for single core cables, containing the components for one core. The kit includes all the components needed for jointing: mastics tapes, cleaning and grinding materials, heat shrink stress control tubes, insulating and semiconductive tapes as well as sealing tubes. The kit contains also copper mesh tape for shielding of the joint. The cable connectors are not included.

- |                         |                    |
|-------------------------|--------------------|
| 1. Outer heat shrink    | 6. Cleaning tissue |
| 2. Inner heat shrink    | 7. Sealing mastic  |
| 3. Crimp                | 8. Screen web      |
| 4. Semi-conductive tape |                    |
| 5. Sand paper           |                    |



## Suggested manual crimping tools

EFLA recommends these following tools:

### Manual crimping tools:

- Elpress EWB 4099C
- KLAUKE K05/6
- KLAUKE K24
- KLAUKE K18

### Electrical crimping tool:

- Elpress PVL 130S - WB4099

