

# HIGH VOLTAGE SINGLE CORE CABLES TYPE XDFCuCuT

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**Rated voltages :** 60 kV up to 400 kV

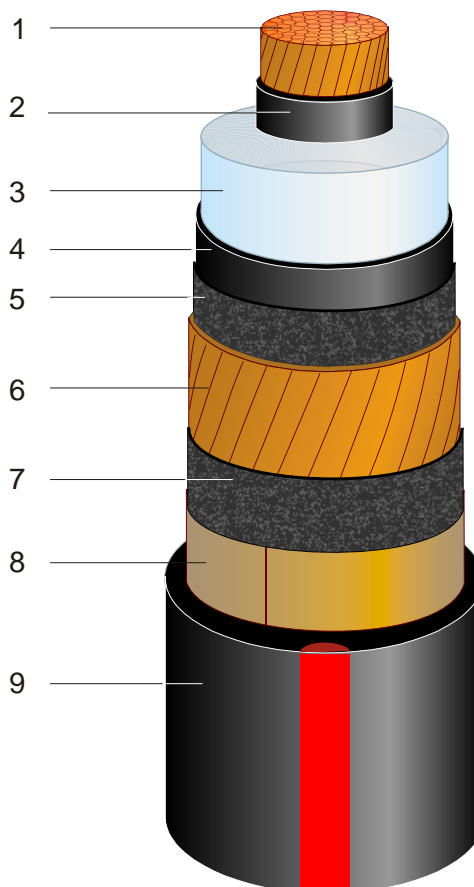
**Conductor cross-sections :** 240 up to 2'000 mm<sup>2</sup>

**Conductor material :** copper or aluminium

*High voltage cables are manufactured on request according to customers specifications.  
For further informations, please contact us.*

## CONSTRUCTION

- 1 electrolytic copper (or aluminium ) conductor
- 2 extruded semi-conductor
- 3 cross-linked PE insulation (XLPE)
- 4 extruded semi-conductor
- 5 semi-conductive swelling tape
- 6 flat copper wire screen
- 7 semi-conductive swelling tape
- 8 length glued copper tape
- 9 outer PE sheath



## Max. admissible operating temperatures :

in permanent service : 90° C

in emergency service , max. 8 h / day- 100 h / year : 110° C

in case of short-circuit : 250° C