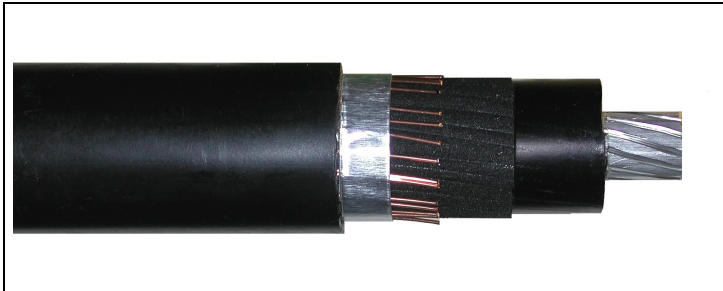




TSLE 12kV



ELpex

with aluminium conductor

Max conductor temp. : 90°C
Rated voltage U₀/U(U_m) : 6/10(12)kV

Cenelec designation : N10XA7E-AR

Application

One-core electricity network cable, permitted outdoor in ground, air and water. The cable is axial and radial water proof. National regulations for electrical installations must be followed.

STANDARDS APPLIED

Construction : CENELEC HD 620-5K
IEC 60502-2

Flame retardancy : No

Halogen-free : IEC 60754-1 and 2

CONSTRUCTION

| | CODE | |
|----------------------|------|---|
| Conductor | | Stranded, round compressed aluminium with swelling-powder |
| Conductorscreen | | Extruded semi-conductive material |
| Insulation | T | XLPE (cross-linked Polyethylen) |
| Insulationscreen | | Extruded bonded semi-conductive material |
| Bedding | | Semi-conductive swelling-tape |
| Concentric conductor | S | Screen of copper wires. Direct contact between cu and al. |
| Aluminiumtape | L | Longitudinal Aluminiumtape |
| Outer sheath | E | Polyethylen (PE) bonded to the aluminiumtape |
| Colour | | Black |
| Marking | | Printed on outer sheath designation and dimension |
| Mode of packing | | Drum |

DIMENSIONS

Rev.3.

| No. of cores and conductor area mm ² | Cond.-type *) | El. No. | Art. No. | Diameter over: | | Outer diameter appr. mm | Appr. weight kg/km | Normal delivery length m |
|---|---------------|---------|---------------|----------------|------------------|-------------------------|--------------------|--------------------------|
| | | | | XLPE, mm | Insul.screen, mm | | | |
| 1 x 50/16 | AFR | 1065546 | 7021525004505 | 17 | 18 | 24 | 610 | 1000 |
| 1 x 150/25 | AFR | 1065547 | 7021525004543 | 23 | 24 | 30 | 1100 | 1000 |
| 1 x 240/35 | AFR | 1065548 | 7021525004567 | 27 | 28 | 35 | 1430 | 1000 |
| 1 x 400/35 | AFR | 1065549 | 7021525004581 | 33 | 34 | 40 | 2000 | 500 |
| 1 x 630/35 | AFR | 1065550 | 7021525004604 | 40 | 41 | 51 | 3060 | 500 |
| 3 x 1 x 50/16 | AFR | 1065551 | 7021525004765 | 17 | 18 | 52 | 1830 | 500 |
| 3 x 1 x 150/25 | AFR | 1018262 | 7021525004789 | 23 | 24 | 65 | 3300 | 500 |
| 3 x 1 x 240/35 | AFR | 1065552 | 7021525004826 | 27 | 28 | 76 | 4290 | 400 |

*)AFR = Aluminium stranded round

Mode of packing and length can be changed.
Not all dimensions are in stock.

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Subject to change without prior notice