

CHARACTERISTICS

General

- Continuous working temperatures: -60 to +180°C.
Peaks at 220°C
Maximum temperature of core: +140°C
- Good resistance to thermal shock.
- Excellent ageing resistance.

Electrical

- Working voltage: 3 000 V.
- Test voltage: 10 000 V.
- Insulation resistance : K = 200 (at 20 °C).

Mechanical

- Alternate flexion resistance : Excellent.
- Cut and abrasion resistance: Excellent.

Chemical

- Humidity resistance : Excellent.
- Chemical environment resistance : Good.
- Hydrocarbons resistance : Good.

PACKAGING

- Rolls, spools or drums.

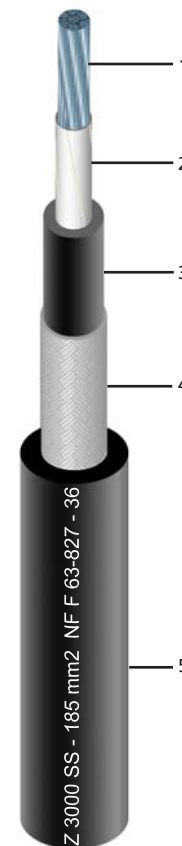
- 1 - Extra-flexible tin-plated copper core – class 6 – IEC 228
- 2 - Separating tape
- 3 - High tear strength silicone rubber
- 4 - Textile braid, with high abrasion and cut resistance
- 5 - High tear strength silicone rubber

STANDARDS - APPROVALS

- NF F 63-827 approved series.
- Halogen free cable.
- Low smoke density (NF X 10-702).
- Low toxicity and corrosivity (NF X 70-100).
- F0 classified as per NF F 16-101.
- Fire behaviour : complies with IEC 60332-1, IEC 60331 and test n° 2 of NF C 32-070 (class A as per NF F 16-101).

APPLICATIONS

- Shipbuilding and railway construction.
- Wiring of motors and machines.



CONDUCTIVE CORE

Nominal cross-section mm ²	Nominal stranding	Maximum linear resistance at 20° C Ω/km
10*	322 x 0.20	1.95
25*	798 x 0.20	0.795
35*	1 121 x 0.20	0.565
50	703 x 0.30	0.393
70	999 x 0.30	0.277
95	1 332 x 0.30	0.210
120	1 739 x 0.30	0.164
150	2 146 x 0.30	0.132
185	2 590 x 0.30	0.108
240*	3 256 x 0.30	0.0817

INSULATION

Total thickness of insulation mm	Maximum external diameter mm	Approx. linear weight kg/km
3.1	11.1	170.0
3.1	13.2	305.0
3.2	15.5	413.0
3.3	16.7	575.0
3.5	18.8	782.0
3.5	21.0	1 030.0
3.6	23.1	1 290.0
3.6	25.0	1 580.0
3.7	27.1	1 890.0
3.7	30.4	2 451.0

* The sections 10 mm², 25 mm², 35 mm² and 240 mm² are not described in the NF F 63-827 standard.

” Angivna värden är baserade på tillverkarens egna uppgifter och lämnas utan förbindelse.”