

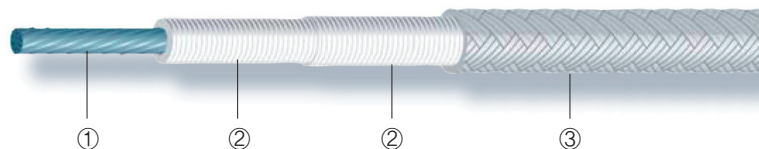
Heat-Resistance Cables

RoHS

- 60°C to + 400°C CNVAS



- ① Flexible nickel-plated core – class 5 – IEC 228.
- ② Several silicone-impregnated glass lappings.
- ③ Silicone-coated mineral fibre braid.



Characteristics

Physical-chemical

- Continuous working temperatures : - 60°C to + 400°C
Peaks at + 450°C.
- Good resistance to thermal shock.
- Excellent ageing resistance.
- Good resistance to the usual chemical atmospheres.

Electrical

- Working voltage : 300/500V.
- Test voltage : 2000V.

Products

- Standard colour : grey.
- Any colour on request, including green/yellow.

Options

- Red copper core : ref. **VAS**.
- Pure nickel core : ref. **NVAS** (see page 23).
- Multi-conductor assemblies under a silicone-coated mineral fibre sheath : ref. **MA-CNVA**S.
- Other cross-sections and flexibility classes : consult us.

Packaging

- Rolls, spools or drums.

Approvals - standards

- VERITAS approval certificate N° BV 153552.
- Nickel-plated copper meets standard ASTM B355.

Applications

- Wiring of heating elements, cartridges, bands and hot plates.
- Wiring of domestic electrical heating appliances, professional kitchens and ovens.
- Machines for thermoplastics and rubber, etc.
- Furnaces and industrial ovens.
- Heavy industry : foundries, steelworks and glassworks, etc.



Core

Insulated wire or cable

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km	Nominal outer diameter mm	Approx. linear weight kg/km
0.25	8 x 0.20 or 3 x 0.30	80.9	2.2	9.30
0.5	16 x 0.20 or 7 x 0.30	40.1	2.5	11.5
0.75	24 x 0.20 or 11 x 0.30	26.7	2.7	15.0
1	32 x 0.20 or 14 x 0.30	20.0	3.2	17.7
1.5	30 x 0.25 or 21 x 0.30	13.7	3.4	23.9
2.5	50 x 0.25 or 35 x 0.30	8.21	4.0	35.9
4	56 x 0.30	5.09	4.5	54.2
6	84 x 0.30	3.39	5.0	77.0
10	80 x 0.40	1.95	8.0	146
16	126 x 0.40	1.24	9.4	221
25	196 x 0.40	0.795	10.6	337
35	276 x 0.40	0.565	13.4	438
50	396 x 0.40	0.393	14.0	602
70	360 x 0.50	0.277	16.5	815
95	485 x 0.50	0.210	18.5	1109
120	608 x 0.50	0.164	20.2	1379
150	756 x 0.50	0.132	23.0	1754
185	944 x 0.50	0.108	25.9	2223
240	1221 x 0.50	0.0817	27.9	2883