

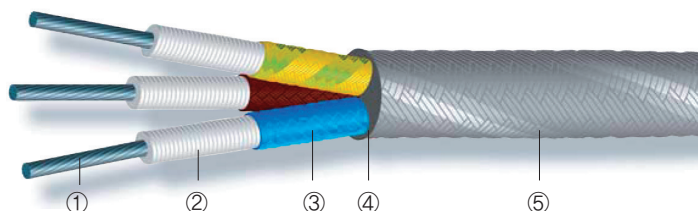
# Heat-Resistance Cables

RoHS

- 60°C to + 400°C MA-CNVAS



- ① Flexible nickel-plated copper core – class 5 – IEC 228.
- ② Silicone-impregnated glass lapping.
- ③ Silicone-coated mineral fibre braid.
- ④ Additional fillers not shown.
- ⑤ Silicone-coated mineral fibre braid.



## Characteristics

### Physical-chemical

- Continuous working temperatures : - 60°C to + 400°C
- Peaks at + 500°C.
- Excellent resistance to thermal shock.
- Excellent ageing resistance.

### Electrical

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

## Products

- Colour-coding of insulated conductors : identical to type MC-ECS.
- Outer braiding : grey ; other colours : consult us.

## Options

- Other cross-sections and flexibility classes : consult us.
- Red copper cores : ref. **MA-VAS**.
- Pure nickel cores : ref. MA-NVAS (see page 27).
- Other conductor metal : consult us.
- Outer shielding in galvanized or stainless steel : ref. BGMA-CNVAS or BIMA-CNVAS.
- Electrical screen, braided in nickel-plated copper : ref. MABCN-CNVAS.

## Packaging

- Rolls, spools or drums.

## Approvals - standards

- Nickel-plated copper compliant with standard ASTM B355.
- VERITAS approval certificate No. BV.153552.
- Halogen-free cable, passes test C1 for standard NF C 32-070.
- Fire behaviour : compliant with standard IEC 332-1.

## Applications

- Any cabling in hot environments up to 400°C.
- Wiring for the metallurgical industry, glassworks, etc.
- Wiring of ovens, furnaces, machines for thermoplastics or rubber, welding sets, etc.
- Lights, floodlights, etc.



### Core

### Insulated wire or cable

| Nominal cross-section mm <sup>2</sup> | Nominal stranding      | Nominal mm | Approx. outer diameter mm | Approx. linear weight kg/km |
|---------------------------------------|------------------------|------------|---------------------------|-----------------------------|
| 2 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 6.2                       | 43.0                        |
| 3 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 6.4                       | 48.0                        |
| 4 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 7.4                       | 64.0                        |
| 5 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 8.1                       | 75.0                        |
| 6 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 8.6                       | 90.0                        |
| 7 x 0.5                               | 16 x 0.20 ou 7 x 0.30  | 2.5        | 8.7                       | 96.0                        |
| 2 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 6.7                       | 50.0                        |
| 3 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 7.1                       | 60.0                        |
| 4 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 8.1                       | 78.0                        |
| 5 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 8.8                       | 95.0                        |
| 6 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 9.5                       | 110                         |
| 7 x 0.75                              | 24 x 0.20 ou 11 x 0.30 | 2.7        | 9.5                       | 118                         |
| 2 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 6.9                       | 56.0                        |
| 3 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 7.7                       | 70.0                        |
| 4 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 8.3                       | 88.0                        |
| 5 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 9.1                       | 105                         |
| 6 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 9.8                       | 122                         |
| 7 x 1                                 | 32 x 0.20 ou 14 x 0.30 | 3.2        | 9.8                       | 130                         |
| 2 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 7.9                       | 77.0                        |
| 3 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 8.3                       | 93.0                        |
| 4 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 9.1                       | 118                         |
| 5 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 9.9                       | 140                         |
| 6 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 10.7                      | 165                         |
| 7 x 1.5                               | 30 x 0.25 ou 21 x 0.30 | 3.4        | 10.7                      | 178                         |
| 2 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 9.2                       | 110                         |
| 3 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 9.7                       | 124                         |
| 4 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 10.6                      | 160                         |
| 5 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 11.6                      | 194                         |
| 6 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 12.6                      | 230                         |
| 7 x 2.5                               | 50 x 0.25 ou 35 x 0.30 | 4.0        | 12.6                      | 264                         |



Thomas Cable