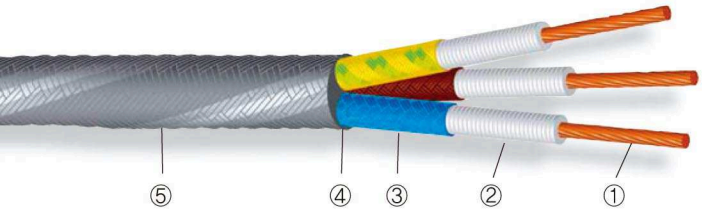
Heat-Resistance Cables

MA-CNVS - 60℃ to + 350℃

RoHS



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

Characteristics

Physical-chemical

- Continuous working temperatures : - 60℃ to + 350℃ Peaks at + 450℃.
- Excellent resistance to thermal shock.
- Excellent ageing resistance.

Electrical

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

Products

- Colour-coding of isolated conductors : identical to type MC-ECS (see page 6).
- Outer braid : grey ; other colours : consult us.

Options

- Other cross-sections and flexibility classes : consult us.
- Pure nickel cores : ref. MA-NVS.
- Other conductor metal : consult us.
- Outer shielding in galvanized or stainless steel : ref. BGMA-CNVS or BlMA-CNVS.
- Electrical screen with nickel-plated copper braiding : ref. MABCN-CNVS.

Packaging

- Rolls, spools or drums.

Approvals - standards

- Halogen-free cable, passes test C1 of standard NF C 32-070.
- Fire behaviour : compliant with standard IEC 332-1.

Applications

- Any wiring in hot environments up to 350℃.
- 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 mm²	Nominal stranding	Nominal outer diameter mm	Approx. outer diameter mm	Approx. linear weight kg/km
2 x 0.5	16 x 0.20	2.1	6.0	43.0
3 x 0.5	16 x 0.20	2.1	6.1	48.0
4 x 0.5	16 x 0.20	2.1	6.6	64.0
5 x 0.5	16 x 0.20	2.1	7.0	75.0
6 x 0.5	16 x 0.20	2.1	7.8	90.0
7 x 0.5	16 x 0.20	2.1	8.0	96.0
2 x 0.75	24 x 0.20	2.4	6.4	50.0
3 x 0.75	24 x 0.20	2.4	6.5	60.0
4 x 0.75	24 x 0.20	2.4	7.2	78.0
5 x 0.75	24 x 0.20	2.4	7.5	95.0
6 x 0.75	24 x 0.20	2.4	8.4	110
7 x 0.75	24 x 0.20	2.4	8.8	118
2 x 1	32 x 0.20	2.5	6.6	56.0
3 x 1	32 x 0.20	2.5	6.8	70.0
4 x 1	32 x 0.20	2.5	7.4	88.0
5 x 1	32 x 0.20	2.5	7.9	105
6 x 1	32 x 0.20	2.5	8.6	122
7 x 1	32 x 0.20	2.5	9.1	130
2 x 1.5	30 x 0.25	2.8	7.4	77.0
3 x 1.5	30 x 0.25	2.8	7.6	93.0
4 x 1.5	30 x 0.25	2.8	8.1	118
5 x 1.5	30 x 0.25	2.8	9.1	140
6 x 1.5	30 x 0.25	2.8	9.6	165
7 x 1.5	30 x 0.25	2.8	9.7	178
12 x 1.5	30 x 0.25	2.8	13.5	300
2 x 2.5	50 x 0.25	3.2	8.1	110
3 x 2.5	50 x 0.25	3.2	8.2	124
4 x 2.5	50 x 0.25	3.2	9.6	160
5 x 2.5	50 x 0.25	3.2	10.8	194
6 x 2.5	50 x 0.25	3.2	11.5	230
7 x 2.5	50 x 0.25	3.2	11.8	264