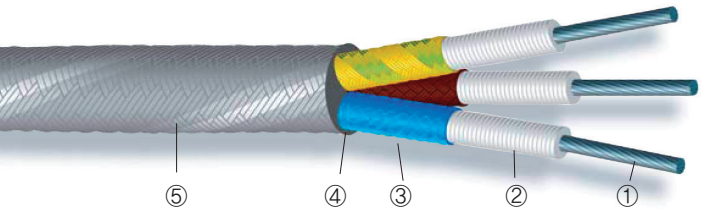
Heat-Resistance Cables

MA-NVAS - 60℃ to + 450℃

RoHS



① Flexible nickel core, type 200.
② Silicone-coated fibreglass lappings.
③ Braid in silicone-coated mineral fibre.
④ Additional fillers not shown.
⑤ Braid in silicone-coated mineral fibre.

Characteristics

Physical-chemical

- Continuous working temperatures : − 60℃ to + 450℃ Peaks at + 600℃.
- Excellent resistance to thermal shock.
- Excellent ageing-resistance.

Electrical

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

Products

- Colour-coding of insulated conductors : same as type MC-ECS (see page 6).
- Outer braid : grey ; other colours : consult us

Options

- Other cross-sections and flexibility classes : consult us.
- Other conductor metal : consult us.
- Outer shielding in galvanized or stainless steel : ref. BGMA-NVAS or BIMA-NVAS.
- Electrical screen braided in nickel-plated copper : ref. MABCN-NVAS.

Packaging

· Rolls, spools or drums.

Approvals - standards

- Nickel type 200, compliant with standards DIN 17753, DIN 17740 and ASTM B160.
- VERITAS approval certificate No. BV.153552.
- 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 500℃.
- Wiring for 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	7 x 0.30	2.5	6.2	43.0
3 x 0.5	7 x 0.30	2.5	6.4	48.0
4 x 0.5	7 x 0.30	2.5	7.4	64.0
5 x 0.5	7 x 0.30	2.5	8.1	75.0
6 x 0.5	7 x 0.30	2.5	8.6	90.0
7 x 0.5	7 x 0.30	2.5	8.7	96.0
2 x 0.75	11 x 0.30	2.7	6.7	50.0
3 x 0.75	11 x 0.30	2.7	7.1	60.0
4 x 0.75	11 x 0.30	2.7	8.1	78.0
5 x 0.75	11 x 0.30	2.7	8.8	95.0
6 x 0.75	11 x 0.30	2.7	9.5	110
7 x 0.75	11 x 0.30	2.7	9.5	118
2 x 1	14 x 0.30	3.2	6.9	56.0
3 x 1	14 x 0.30	3.2	7.7	70.0
4 x 1	14 x 0.30	3.2	8.3	88.0
5 x 1	14 x 0.30	3.2	9.1	105
6 x 1	14 x 0.30	3.2	9.8	122
7 x 1	14 x 0.30	3.2	9.8	130
2 x 1.5	21 x 0.30	3.4	7.9	77.0
3 x 1.5	21 x 0.30	3.4	8.3	93.0
4 x 1.5	21 x 0.30	3.4	9.1	118
5 x 1.5	21 x 0.30	3.4	9.9	140
6 x 1.5	21 x 0.30	3.4	10.7	165
7 x 1.5	21 x 0.30	3.4	10.7	178
2 x 2.5	35 x 0.30	4.0	9.2	110
3 x 2.5	35 x 0.30	4.0	9.7	124
4 x 2.5	35 x 0.30	4.0	10.6	160
5 x 2.5	35 x 0.30	4.0	11.6	194
6 x 2.5	35 x 0.30	4.0	12.6	230
7 x 2.5	35 x 0.30	4.0	12.6	264