

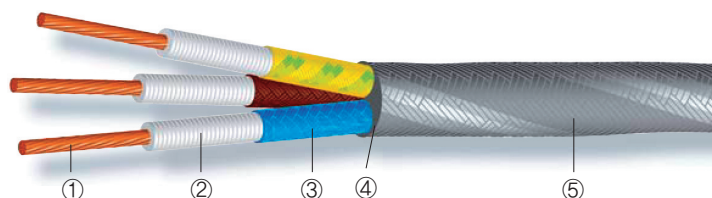
Heat-Resistance Cables

RoHS

- 60°C to + 280°C NV-VS



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



Characteristics

Physical-chemical

- Continuous working temperatures : - 60°C to + 280°C
Peaks at + 350°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 (see page 6).
- Outer braid : grey ; other colours : consult us.

Options

- Other cross-sections and flexibility classes : consult us.
- Nickel-plated copper cores : ref. MV-CNVS.
- Outer braid in mineral fibre and nickel-plated copper core: ref. MA-CNVS (better resistance to thermal shock and peak temperatures).
- Outer shielding in galvanized or stainless steel : ref. BGMV-VS or BIMV-VS.
- Electrical screen
Tinned copper braid : ref. MVBE-VS
or aluminium tape + continuity wire : ref. MVBAL-VS.

Packaging

- Rolls, spools or drums.

Approvals - standards

- 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 280°C.
- Wiring for metallurgical industry, glassworks, etc.
- Wiring for ovens, furnaces, machines for thermoplastics or rubber, welding sets, etc.
- Lights, floodlights, etc.



Core

Insulated wire or cable

Nominal cross-section mm ²	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	5,4	43,0
3 x 0,5	16 x 0,20	2,1	5,5	48,0
4 x 0,5	16 x 0,20	2,1	6,0	64,0
5 x 0,5	16 x 0,20	2,1	6,4	75,0
6 x 0,5	16 x 0,20	2,1	7,2	90,0
7 x 0,5	16 x 0,20	2,1	7,4	96,0
2 x 0,75	24 x 0,20	2,4	5,8	50,0
3 x 0,75	24 x 0,20	2,4	5,9	60,0
4 x 0,75	24 x 0,20	2,4	6,6	78,0
5 x 0,75	24 x 0,20	2,4	6,9	95,0
6 x 0,75	24 x 0,20	2,4	7,8	110
7 x 0,75	24 x 0,20	2,4	8,2	118
2 x 1	32 x 0,20	2,5	6,0	56,0
3 x 1	32 x 0,20	2,5	6,2	70,0
4 x 1	32 x 0,20	2,5	6,8	88,0
5 x 1	32 x 0,20	2,5	7,3	105
6 x 1	32 x 0,20	2,5	8,0	122
7 x 1	32 x 0,20	2,5	8,5	130
2 x 1,5	30 x 0,25	2,8	6,8	77,0
3 x 1,5	30 x 0,25	2,8	7,0	93,0
4 x 1,5	30 x 0,25	2,8	7,5	118
5 x 1,5	30 x 0,25	2,8	8,5	140
6 x 1,5	30 x 0,25	2,8	9,0	165
7 x 1,5	30 x 0,25	2,8	9,1	178
2 x 2,5	50 x 0,25	3,2	7,5	110
3 x 2,5	50 x 0,25	3,2	7,6	124
4 x 2,5	50 x 0,25	3,2	9,0	160
5 x 2,5	50 x 0,25	3,2	10,2	194
6 x 2,5	50 x 0,25	3,2	10,9	230
7 x 2,5	50 x 0,25	3,2	11,2	264



Thomas Cable