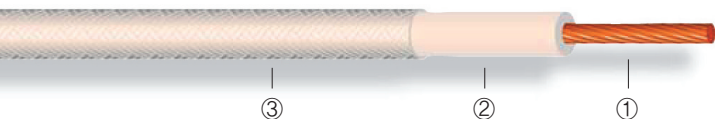


Heat-Resistance Cables

CSV and ECSV -60°C to +200°C

RoHS



- ① Flexible red copper core (CSV) or tinned (ECSV) – class 5 – IEC 228.
- ② Silicone rubber – type EI2 – HD 22.1.



Characteristics

Physical-chemical

- Continuous working temperatures : - 60°C to + 200°C
Peaks at + 290°C.
- Good resistance to thermal shock and UV.
- Excellent ageing resistance.

Electrical

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

Products

- 0.25 to 6 mm² : all plain colours, and with coloured spiral tracers.
- 10 to 400 mm² : white, other colours on request.

Packaging

- Rolls, spools or drums.

Options

- Nickel-plated core : ref. CNCSV.
- Pure nickel core : ref. NCSV.
- Mechanical outer shielding :
 - in galvanized steel : ref. CSVBG.
 - in stainless steel : ref. CSVBI.
- Other cross-sections and flexibility classes : consult us.

Approvals - standards

- VERITAS approval certificate N° BV 153552.
- CNET-approved silicone insulation as per specification CM26 / NF C 32-062.
- Halogen-free cable.
- Silicone compound as per HD22.1 – type EI2.

Applications

- Wiring of domestic electrical heating appliances.
- Production machinery.
- Lighting.
- Industrial wiring in hot environments. (고온 환경에 쓰이는 산업용 와이어)



Core

Insulated wire or cable

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km (red copper core)	Nominal thickness of silicone sheath mm	Nominal outer diameter mm	Approx. linear weight kg/km
0.25	14 x 0.15 or 8 x 0.20	78.6	0.45	1.9	5.40
0.4	12 x 0.20	52.4	0.45	2.0	6.90
0.5	16 x 0.20	39.0	0.45	2.1	8.10
0.6	19 x 0.20	32.8	0.45	2.2	10.2
0.75	24 x 0.20	26.0	0.45	2.4	11.3
1	32 x 0.20	19.5	0.45	2.5	13.7
1.5	30 x 0.25	13.3	0.45	2.8	19.5
2.5	50 x 0.25	7.98	0.5	3.4	31.3
4	56 x 0.30	4.95	0.6	4.3	47.7
6	84 x 0.30	3.30	0.8	5.3	68.4
10	80 x 0.40	1.91	1.0	6.9	121
16	126 x 0.40	1.21	1.2	8.3	192
25	196 x 0.40	0.78	1.4	10.1	300
35	276 x 0.40	0.554	1.4	11.5	399
50	396 x 0.40	0.386	1.6	13.7	555
70	360 x 0.50	0.272	1.6	15.3	767
95	485 x 0.50	0.206	1.8	17.9	1034
120	608 x 0.50	0.161	1.8	20.4	1285
150	756 x 0.50	0.129	2.0	22.4	1598
185	944 x 0.50	0.106	2.2	24.9	1964
240	1221 x 0.50	0.0801	2.2	27.4	2620
300	1525 x 0.50	0.0641	2.4	30.9	3490
400	2037 x 0.50	0.0486	2.6	35.2	4600