SILICONE INSULATED AND/OR SHEATHED
WIRES AND CABLES WITH REINFORCING BRAID

SILICABLE® ECSPRI
-60°C to +180°C

RPC COMPLIANT WITH EN 50575 EUROCLASSES CERTIFIED
Cca

1 • Flexible tin-plated copper core - class 5 as per IEC 60228.
2 • Optional separating tape.
3 • Insulation: Silicone rubber.
4 • Reinforcement: Varnished synthetic fibre braid.

Approvals - standards

- Euroclasse Cca s2, d2, a1 from 6 mm² to 630 mm².
- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Cabling for rotating machines: motors, alternators, generators.
- Cabling for static machines: transformers, inductors, inverters, choppers.
- Power cabinets.

Options

- Flexible bare copper core (ref. CSPRI) – class 5 as per IEC 60228: contact us.
- Other nominal cross-sections: contact us.
- Other nominal stranding: contact us.
- Other options: contact us.

Characteristics

General

- Continuous operating temperatures: -60°C to +180°C.
- Bending radius: 5 x D.
- Good resistance to thermal shock and UV.
- Excellent mechanical strength.

Electrical

- Rated voltage: 600/1000 V.
- Test voltage: 3000 V.

Standard products

- All solid colours, yellow/green or white with coloured spiral markings.

ECSPRI

Flexible core • class 5 as per IEC 60228			INSULATED WIRE OR CABLE		
Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20°C (Ω/km)	Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.5	16 x 0.20	40.10	0.35	1.9	7
0.75	24 x 0.20	26.70	0.40	2.2	10
1.0	32 x 0.20	20.00	0.40	2.3	12
1.5	30 x 0.25	13.70	0.40	2.7	17
2.5	50 x 0.25	8.21	0.50	3.3	27
4	56 x 0.30	5.09	0.60	4.1	44
6	84 x 0.30	3.39	0.70	5.1	66
10	7 3 x 0.40	1.95	1.00	6.8	113
16	115 x 0.40	1.24	1.00	8.1	167
25	180 x 0.40	0.795	1.00	9.5	249
35	252 x 0.40	0.565	1.50	11.8	367
50	363 x 0.40	0.393	1.50	13.5	505
70	328 x 0.50	0.277	1.50	16.0	694
95	437 x 0.50	0.210	2.00	17.6	893
120	556 x 0.50	0.164	2.00	20.3	1 168
150	691 x 0.50	0.132	2.00	22.1	1 428
185	851 x 0.50	0.108	2.00	23.9	1 723
240	1 122 x 0.50	0.0817	2.00	26.4	2 233
300	1 406 x 0.50	0.0654	2.70	30.8	2 859
400	1 855 x 0.50	0.0495	2.70	34.3	3 684
500	2 318 x 0.50	0.0391	2.70	37.4	4 553
630	3 111 x 0.50	0.0292	3.00	42.2	6 085

For this product, please contact:

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omerin
LES CABLES DE L'EXTREME

www.omerin.com

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In some cases, for production purposes, a separating tape may be added between two successive layers. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.® Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.