

**Certificate
of conformity with the following
European Directives**

Registered No.:
1804604713E/L18/43097

Low Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expire date
8244	2018-04-25	8244-DSE_RD/L1	1804604713E/45049/TR/18	2018-06-27	2022-06-26

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards:

Product: Heating cable

Type designation: RATEY RD1, RATEY RD2. (Models differences, see Annex 1)

Applicant: DS Electronics Ltd
1-3 Severo-Syretskaya str., Kiev, 04136, Ukraine.

Standard(s): LVS IEC 60800:2009.

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TUV NORD Group. This is to certify that the tested sample is in compliance with the essential requirements referred to Low Voltage Directive 2014/35/EU. The holder of this certificate may use this Certificate together with his EU-Declaration of Conformity.


/ J. Kovalova /
Certification Body of TUV NORD Baltik LLC

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CE The CE marking may be affixed on the product if all relevant and effective Directives are complied with. CE

Description of product(s): 230 V~.

RATEY RD1 (Single-core shielded heating cable)

Rated power, W	Length, m	Resistance, Ω/m	Resistance, 20 °C, Ω	Power, W/m
180	10,2	27,64	282	17,65
300	16,3	10,8	176	18,40
400	23	5,4	124,2	17,39
500	28	3,6	100,8	17,86
600	32,7	2,7	88,3	18,35
700	39	1,56	60,7	17,95
850	48	1,04	49,8	17,71
1100	62	0,61	38	17,74
1300	72	0,46	33,1	18,06
1450	80	0,37	29,4	18,13
1600	88	0,31	27	18,18
1800	100	0,25	25,5	18,00
2000	112	0,2	22,8	17,86
2200	122	0,17	20,7	18,03
2500	141	0,13	18	17,73

Description of product(s): 230 V~.

RATEY RD2 (Twin-core shielded heating cable)

Rated power, W	Length, m	Resistance, Ω/m	Resistance, 20 °C, Ω	Power, W/m
130	7,2	55,3	398,1	18,06
200	11,5	21,6	248,4	17,39
300	16,3	10,8	176	18,40
350	20	7,2	144	17,50
400	23	5,4	124,2	17,39
500	27,5	3,1	85,6	18,18
600	34	2,1	70,5	17,65
800	44	1,22	53,9	18,18
900	51	0,92	46,9	17,65
1000	57	0,73	41,9	17,54
1100	62	0,61	38	17,74
1250	71	0,5	36,2	17,61
1400	79	0,4	32,2	17,72
1500	87	0,34	29,5	17,24
1800	100	0,25	25,5	18,00
2100	117	0,17	20,2	17,95
2300	127	0,15	18,7	18,11
2800	158	0,09	14,9	17,72

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