

Series Resistance Heating Cables

SCWL Heating Cable Construction

1-2. Single Core (1 conductor)

Type	Structure of Core	Rated Voltage	Section mm ²	Resistance @20°C Ω/km
SCWL-1C-3.0	19*0.45	600V 50~60HZ	3	5.83
SCWL-1C-4.0	19*0.52		4	4.37
SCWL-1C-5.0	19*0.58		5	3.52
SCWL-1C-6.0	19*0.64		6	2.93
SCWL-1C-7.0	19*0.69		7	2.51
SCWL-1C-8.0	19*0.74		8	2.20
SCWL-1C-9.0	19*0.78		9	1.95
SCWL-1C-10.0	19*0.82		10	1.75

* Special order should be placed from the conductor size of 12 mm² (1.31 Ω/km) to 70 mm² (0.258 Ω/km).

1-3. Double Core (2 conductor)

Type	Structure of Core	Rated Voltage	Section mm ²	Resistance @20°C (single core) Ω/km	Resistance @20°C (the cable) Ω/km
SCWL-2C-3.0	19*0.45	600V 50~60HZ	3	5.83	11.66
SCWL-2C-4.0	19*0.52		4	4.37	8.74
SCWL-2C-5.0	19*0.58		5	3.52	7.04
SCWL-2C-6.0	19*0.64		6	2.93	5.86
SCWL-2C-7.0	19*0.69		7	2.51	5.02
SCWL-2C-8.0	19*0.74		8	2.20	4.40
SCWL-2C-9.0	19*0.78		9	1.95	3.90
SCWL-2C-10.0	19*0.82		10	1.75	3.50

1-4. Triple Core (3 conductor)

Type	Structure of Core	Rated Voltage	Section mm ²	Resistance @20°C (the cable) Ω/km	Resistance @20°C (the cable) Ω/km
SCWL-3C-3.0	19*0.45	600V 50~60HZ	3	0.00583	5.83
SCWL-3C-4.0	19*0.52		4	0.00437	4.37
SCWL-3C-5.0	19*0.58		5	0.00352	3.52
SCWL-3C-6.0	19*0.64		6	0.00293	2.93
SCWL-3C-7.0	19*0.69		7	0.00251	2.51
SCWL-3C-8.0	19*0.74		8	0.00220	2.20
SCWL-3C-9.0	19*0.78		9	0.00195	1.95
SCWL-3C-10.0	19*0.82		10	0.00175	1.75