

T2BLACK FLOOR HEATING CABLE



nVent RAYCHEM T2Black is a constant power output floor heating cable. It exists in 2 variants with output of 12 W/m and 20 W/m. It is a dual conductor, twisted heater with a pre-terminated 2.6 m cold lead and available in lengths from 12 m to 109 m. The product is delivered in a box designed for easy unspooling of the cable and containing all the accessories needed to install the product. The product is available in a variant containing the energy efficient NRG-DM thermostat and a variant without thermostat.

FEATURES & BENEFITS

Ideal for use with anti-fracture membranes

Easy design: one cold lead connection due to dual wire cable design, different power outputs/m² obtained by varying the spacing

Reliable during long life: 12 to 20 year total care warranty available, no maintenance required

SPECIFICATIONS

Heating Cable Technology Constant Wattage

Nominal Voltage 230 V

Nominal Power Output 12 W/m

Power Output, Typical 80 – 150 W/m²

Outer Jacket Material PVC

Color Black

Outer Diameter 4 mm

Ground Path Type Braid

Min Installation Temperature 5 °C

Cold Lead Length 2.6 m

Min Cable Spacing 80 mm

Spooling System Yes

Thermostat Included No

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Length
SZ18300317	R-BK-B-14.5M-180W/T0	180 W	282.3 – 326.9 Ω	14.5 m
SZ18300318	R-BK-B-20.0M-250W/T0	250 W	201 – 232.8 Ω	20 m
SZ18300319	R-BK-B-26.5M-325W/T0	325 W	154.6 – 179 Ω	26.5 m
SZ18300320	R-BK-B-35.5M-435W/T0	435 W	116.1 – 134.4 Ω	35.5 m
SZ18300321	R-BK-B-46.0M-565W/T0	565 W	88.8 – 102.8 Ω	46 m
SZ18300322	R-BK-B-55.0M-665W/T0	665 W	75.6 – 87.5 Ω	55 m
SZ18300323	R-BK-B-73.0M-895W/T0	895 W	56.2 – 65.1 Ω	73 m
SZ18300324	R-BK-B-98.0M-1210W/T0	1210 W	41.5 – 48.1 Ω	98 m

Heating Cable Technology Constant Wattage

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Nominal Power Output 12 W/m

Power Output, Typical 80 – 150 W/m²

Outer Jacket Material PVC

Color Black

Outer Diameter 4 mm

Ground Path Type Braid

Min Installation Temperature 5 °C

Cold Lead Length 2.6 m

Min Cable Spacing 80 mm

Spooling System Yes

Thermostat Included NRG-DM

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Length
SZ18300309	R-BK-B-14.5M-180W/NRG	180 W	282.3 – 326.9 Ω	14.5 m
SZ18300310	R-BK-B-20.0M-250W/NRG	250 W	201 – 232.8 Ω	20 m

Catalog Number	Item Name	Power	Resistance Range	Length
SZ18300311	R-BK-B-26.5M-325W/NRG	325 W	154.6 – 179 Ω	26.5 m
SZ18300312	R-BK-B-35.5M-435W/NRG	435 W	116.1 – 134.4 Ω	35.5 m
SZ18300313	R-BK-B-46.0M-565W/NRG	565 W	88.8 – 102.8 Ω	46 m
SZ18300314	R-BK-B-55.0M-665W/NRG	665 W	75.6 – 87.5 Ω	55 m
SZ18300315	R-BK-B-73.0M-895W/NRG	895 W	56.2 – 65.1 Ω	73 m
SZ18300316	R-BK-B-98.0M-1210W/NRG	1210 W	41.5 – 48.1 Ω	98 m

Heating Cable Technology Constant Wattage

Nominal Voltage 230 V

Nominal Power Output 20 W/m

Power Output, Typical 80 – 150 W/m²

Outer Jacket Material PVC

Color Black

Outer Diameter 4 mm

Ground Path Type Braid

Min Installation Temperature 5 °C

Cold Lead Length 2.6 m

Min Cable Spacing 80 mm

Spooling System Yes

Thermostat Included No

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Length
SZ18300333	R-BK-C-109.0M-2200W/T0	2200 W	22.8 – 26.5 Ω	109 m
SZ18300325	R-BK-C-12.0M-215W/T0	215 W	233.7 – 270.7 Ω	12 m
SZ18300326	R-BK-C-16.0M-310W/T0	310 W	162.1 – 187.7 Ω	16 m
SZ18300327	R-BK-C-21.0M-410W/T0	410 W	122.6 – 141.9 Ω	21 m
SZ18300328	R-BK-C-28.0M-550W/T0	550 W	91.4 – 105.8 Ω	28 m
SZ18300329	R-BK-C-43.0M-850W/T0	850 W	59.1 – 68.5 Ω	43 m
SZ18300330	R-BK-C-57.0M-1150W/T0	1150 W	43.7 – 50.6 Ω	57 m
SZ18300331	R-BK-C-74.0M-1490W/T0	1490 W	33.7 – 39.1 Ω	74 m
SZ18300332	R-BK-C-82.0M-1625W/T0	1625 W	30.9 – 35.8 Ω	82 m

Heating Cable Technology Constant Wattage

Nominal Voltage 230 V

Nominal Power Output 20 W/m

Power Output, Typical 80 – 150 W/m²

Outer Jacket Material PVC

Color Black

Outer Diameter 4 mm

Ground Path Type Braid

Min Installation Temperature 5 °C

Cold Lead Length 2.6 m

Min Cable Spacing 80 mm

Spooling System Yes

Thermostat Included NRG-DM

Table 1/1

Catalog Number	Item Name	Power	Resistance Range	Length
SZ18300342	R-BK-C-109.0M-2200W/NRG	2200 W	22.8 – 26.5 Ω	109 m
SZ18300334	R-BK-C-12.0M-215W/NRG	215 W	233.7 – 270.7 Ω	12 m
SZ18300335	R-BK-C-16.0M-310W/NRG	310 W	162.1 – 187.7 Ω	16 m
SZ18300336	R-BK-C-21.0M-410W/NRG	410 W	122.6 – 141.9 Ω	21 m
SZ18300337	R-BK-C-28.0M-550W/NRG	550 W	91.4 – 105.8 Ω	28 m
SZ18300338	R-BK-C-43.0M-850W/NRG	850 W	59.1 – 68.5 Ω	43 m
SZ18300339	R-BK-C-57.0M-1150W/NRG	1150 W	43.7 – 50.6 Ω	57 m
SZ18300340	R-BK-C-74.0M-1490W/NRG	1490 W	33.7 – 39.1 Ω	74 m
SZ18300341	R-BK-C-82.0M-1625W/NRG	1625 W	30.9 – 35.8 Ω	82 m

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