

T2Blue Floor Heating Cable



nVent RAYCHEM T2Blue is an electrical floor heating cable for new build projects where the cable is installed directly in 10-15 mm of screed (T2Blue-10) or in 30-50 mm of screed (T2Blue-20). The cable does exist in 2 power output variants of 10 W/m and 20W/m and available in pre-terminated lengths (11-200 m). The range is composed of installer friendly kits including the cable on a spool and all installation accessories. Variants without thermostat and including the SENZ WIFI touchscreen thermostat are available.

CARACTERÍSTICAS

Easy installation: flexible cable, pre-terminated with power cable

T2Blue-10 is typically installed in low construction floors (10-15 mm), directly in screed, in self levelling compound or in uncoupling membrane

T2Blue-20 is typically installed in high construction floors (30-50 mm), directly in screed on concrete sub-floors or on insulation boards

Safe and efficient operation: flexible power output from 60 to 150W/m², closer loops for higher output and wider loops for lower output

Installer friendly kits with easy to unroll spooling system and all installation accessories included

Available in kits without thermostat and in EcoDesign compatible kits including the energy efficient and advanced SENZ WIFI touchscreen thermostat that can be controlled through the SENZ WIFI app or through voice control using Alexa or Google Assistant compatible smart speakers.

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

ESPECIFICACIONES

Cold Lead Length:	2,5 m
Temperatura de instalación mín.:	5 °C
Diámetro exterior:	5,5 mm
Min Cable Spacing:	50 mm
Tensión nominal:	230 V
Color:	Azul
Ground Path Type:	Trenzado
Heating Cable Technology:	Constant Wattage
Outer Jacket Material:	Low Smoke Zero Halogen
Spooling System:	Sí

Table 1/2

Número de catálogo	Nombre del artículo	Nominal Power Output	Energía	Power Output, Typical	Resistance Range	Longitud
SZ18300401	R-BL-A-25M/SENZ-WIFI	10 W/m	250 W	60 – 125 W/m ²	201.9 – 233.8 Ω	25 m
SZ18300402	R-BL-A-30M/SENZ-WIFI	10 W/m	305 W	60 – 125 W/m ²	165.3 – 191.4 Ω	30 m
SZ18300403	R-BL-A-40M/SENZ-WIFI	10 W/m	400 W	60 – 125 W/m ²	125.4 – 145.2 Ω	40 m
SZ18300404	R-BL-A-50M/SENZ-WIFI	10 W/m	505 W	60 – 125 W/m ²	99.8 – 115.5 Ω	50 m
SZ18300405	R-BL-A-60M/SENZ-WIFI	10 W/m	605 W	60 – 125 W/m ²	83.2 – 96.4 Ω	60 m
SZ18300406	R-BL-A-70M/SENZ-WIFI	10 W/m	700 W	60 – 125 W/m ²	71.8 – 83.2 Ω	70 m
SZ18300407	R-BL-A-80M/SENZ-WIFI	10 W/m	805 W	60 – 125 W/m ²	62.3 – 72.2 Ω	80 m
SZ18300408	R-BL-A-90M/SENZ-WIFI	10 W/m	890 W	60 – 125 W/m ²	56.4 – 65.3 Ω	90 m
SZ18300409	R-BL-A-101M/SENZ-WIFI	10 W/m	1010 W	60 – 125 W/m ²	49.9 – 57.8 Ω	101 m
SZ18300410	R-BL-A-121M/SENZ-WIFI	10 W/m	1215 W	60 – 125 W/m ²	41.4 – 47.9 Ω	121 m
SZ18300411	R-BL-A-142M/SENZ-WIFI	10 W/m	1420 W	60 – 125 W/m ²	35.1 – 40.6 Ω	142 m
SZ18300412	R-BL-A-160M/SENZ-WIFI	10 W/m	1600 W	60 – 125 W/m ²	30.4 – 35.2 Ω	160 m
SZ18300413	R-BL-A-180M/SENZ-WIFI	10 W/m	1800 W	60 – 125 W/m ²	27.4 – 31.7 Ω	180 m
SZ18300414	R-BL-A-200M/SENZ-WIFI	10 W/m	2000 W	60 – 125 W/m ²	24.7 – 28.6 Ω	200 m
SZ18300415	R-BL-C-11M/SENZ-WIFI	20 W/m	205 W	80 – 150 W/m ²	246.6 – 285.6 Ω	11 m
SZ18300416	R-BL-C-14M/SENZ-WIFI	20 W/m	285 W	80 – 150 W/m ²	176.9 – 204.8 Ω	14 m

Número de catálogo	Nombre del artículo	Nominal Power Output	Energía	Power Output, Typical	Resistance Range	Longitud
SZ18300417	R-BL-C-18M/SENZ-WIFI	20 W/m	355 W	80 – 150 W/m ²	145.4 – 168.3 Ω	18 m
SZ18300418	R-BL-C-21M/SENZ-WIFI	20 W/m	435 W	80 – 150 W/m ²	115.7 – 134 Ω	21 m
SZ18300419	R-BL-C-28M/SENZ-WIFI	20 W/m	575 W	80 – 150 W/m ²	87.8 – 101.6 Ω	28 m
SZ18300420	R-BL-C-35M/SENZ-WIFI	20 W/m	720 W	80 – 150 W/m ²	69.8 – 80.9 Ω	35 m
SZ18300421	R-BL-C-43M/SENZ-WIFI	20 W/m	845 W	80 – 150 W/m ²	59.6 – 69.1 Ω	43 m
SZ18300422	R-BL-C-50M/SENZ-WIFI	20 W/m	980 W	80 – 150 W/m ²	51.3 – 59.4 Ω	50 m
SZ18300423	R-BL-C-57M/SENZ-WIFI	20 W/m	1130 W	80 – 150 W/m ²	44.4 – 51.4 Ω	57 m
SZ18300424	R-BL-C-63M/SENZ-WIFI	20 W/m	1270 W	80 – 150 W/m ²	39.5 – 45.7 Ω	63 m
SZ18300425	R-BL-C-71M/SENZ-WIFI	20 W/m	1435 W	80 – 150 W/m ²	35.1 – 40.6 Ω	71 m
SZ18300426	R-BL-C-86M/SENZ-WIFI	20 W/m	1710 W	80 – 150 W/m ²	29.4 – 34.1 Ω	86 m
SZ18300427	R-BL-C-101M/SENZ-WIFI	20 W/m	2015 W	80 – 150 W/m ²	24.9 – 28.9 Ω	101 m
SZ18300428	R-BL-C-115M/SENZ-WIFI	20 W/m	2300 W	80 – 150 W/m ²	21.9 – 25.3 Ω	115 m
1244-001887	R-BL-A-101M/T0/SD	10 W/m	1010 W	60 – 125 W/m ²	49.9 – 57.8 Ω	101 m
1244-001902	R-BL-C-101M/T0/SD	20 W/m	2015 W	80 – 150 W/m ²	24.9 – 28.9 Ω	101 m
SZ18300369	R-BL-A-10M/T0/SD	10 W/m	100 W	60 – 125 W/m ²	503.5 – 583 Ω	10 m
SZ18300370	R-BL-A-15M/T0/SD	10 W/m	150 W	60 – 125 W/m ²	336.3 – 389.4 Ω	15 m
SZ18300371	R-BL-A-20M/T0/SD	10 W/m	200 W	60 – 125 W/m ²	252.7 – 292.6 Ω	20 m
SZ18300372	R-BL-A-25M/T0/SD	10 W/m	250 W	60 – 125 W/m ²	201.9 – 233.8 Ω	25 m

Número de catálogo	Nombre del artículo	Nominal Power Output	Energía	Power Output, Typical	Resistance Range	Longitud
SZ18300373	R-BL-A-30M/T0/SD	10 W/m	305 W	60 – 125 W/m ²	165.3 – 191.4 Ω	30 m
SZ18300374	R-BL-A-40M/T0/SD	10 W/m	400 W	60 – 125 W/m ²	125.4 – 145.2 Ω	40 m
SZ18300375	R-BL-A-50M/T0/SD	10 W/m	505 W	60 – 125 W/m ²	99.8 – 115.5 Ω	50 m
SZ18300376	R-BL-A-60M/T0/SD	10 W/m	605 W	60 – 125 W/m ²	83.2 – 96.4 Ω	60 m
SZ18300377	R-BL-A-70M/T0/SD	10 W/m	700 W	60 – 125 W/m ²	71.8 – 83.2 Ω	70 m
SZ18300378	R-BL-A-80M/T0/SD	10 W/m	805 W	60 – 125 W/m ²	62.3 – 72.2 Ω	80 m
SZ18300379	R-BL-A-90M/T0/SD	10 W/m	890 W	60 – 125 W/m ²	56.4 – 65.3 Ω	90 m
SZ18300380	R-BL-A-121M/T0/SD	10 W/m	1215 W	60 – 125 W/m ²	41.4 – 47.9 Ω	121 m
SZ18300381	R-BL-A-142M/T0/SD	10 W/m	1420 W	60 – 125 W/m ²	35.1 – 40.6 Ω	142 m
SZ18300382	R-BL-A-160M/T0/SD	10 W/m	1600 W	60 – 125 W/m ²	30.4 – 35.2 Ω	160 m
SZ18300383	R-BL-A-180M/T0/SD	10 W/m	1800 W	60 – 125 W/m ²	27.4 – 31.7 Ω	180 m
SZ18300384	R-BL-A-200M/T0/SD	10 W/m	2000 W	60 – 125 W/m ²	24.7 – 28.6 Ω	200 m
SZ18300385	R-BL-C-11M/T0/SD	20 W/m	205 W	80 – 150 W/m ²	246.6 – 285.6 Ω	11 m
SZ18300386	R-BL-C-14M/T0/SD	20 W/m	285 W	80 – 150 W/m ²	176.9 – 204.8 Ω	14 m
SZ18300387	R-BL-C-18M/T0/SD	20 W/m	355 W	80 – 150 W/m ²	145.4 – 168.3 Ω	18 m
SZ18300388	R-BL-C-21M/T0/SD	20 W/m	435 W	80 – 150 W/m ²	115.7 – 134 Ω	21 m
SZ18300389	R-BL-C-28M/T0/SD	20 W/m	575 W	80 – 150 W/m ²	87.8 – 101.6 Ω	28 m
SZ18300390	R-BL-C-35M/T0/SD	20 W/m	720 W	80 – 150 W/m ²	69.8 – 80.9 Ω	35 m

Número de catálogo	Nombre del artículo	Nominal Power Output	Energía	Power Output, Typical	Resistance Range	Longitud
SZ18300391	R-BL-C-43M/T0/SD	20 W/m	845 W	80 – 150 W/m ²	59.6 – 69.1 Ω	43 m
SZ18300392	R-BL-C-50M/T0/SD	20 W/m	980 W	80 – 150 W/m ²	51.3 – 59.4 Ω	50 m
SZ18300393	R-BL-C-57M/T0/SD	20 W/m	1130 W	80 – 150 W/m ²	44.4 – 51.4 Ω	57 m
SZ18300394	R-BL-C-63M/T0/SD	20 W/m	1270 W	80 – 150 W/m ²	39.5 – 45.7 Ω	63 m
SZ18300395	R-BL-C-71M/T0/SD	20 W/m	1435 W	80 – 150 W/m ²	35.1 – 40.6 Ω	71 m
SZ18300396	R-BL-C-86M/T0/SD	20 W/m	1710 W	80 – 150 W/m ²	29.4 – 34.1 Ω	86 m
SZ18300397	R-BL-C-115M/T0/SD	20 W/m	2300 W	80 – 150 W/m ²	21.9 – 25.3 Ω	115 m
SZ18300398	R-BL-A-10M/SENZ-WIFI	10 W/m	100 W	60 – 125 W/m ²	503.5 – 583 Ω	10 m
SZ18300399	R-BL-A-15M/SENZ-WIFI	10 W/m	150 W	60 – 125 W/m ²	336.3 – 389.4 Ω	15 m
SZ18300400	R-BL-A-20M/SENZ-WIFI	10 W/m	200 W	60 – 125 W/m ²	252.7 – 292.6 Ω	20 m

Table 2/2

Número de catálogo	Nombre del artículo	Thermostat Included
SZ18300401	R-BL-A-25M/SENZ-WIFI	SENZ-WIFI
SZ18300402	R-BL-A-30M/SENZ-WIFI	SENZ-WIFI
SZ18300403	R-BL-A-40M/SENZ-WIFI	SENZ-WIFI
SZ18300404	R-BL-A-50M/SENZ-WIFI	SENZ-WIFI
SZ18300405	R-BL-A-60M/SENZ-WIFI	SENZ-WIFI
SZ18300406	R-BL-A-70M/SENZ-WIFI	SENZ-WIFI
SZ18300407	R-BL-A-80M/SENZ-WIFI	SENZ-WIFI

Número de catálogo	Nombre del artículo	Thermostat Included
SZ18300408	R-BL-A-90M/SENZ-WIFI	SENZ-WIFI
SZ18300409	R-BL-A-101M/SENZ-WIFI	SENZ-WIFI
SZ18300410	R-BL-A-121M/SENZ-WIFI	SENZ-WIFI
SZ18300411	R-BL-A-142M/SENZ-WIFI	SENZ-WIFI
SZ18300412	R-BL-A-160M/SENZ-WIFI	SENZ-WIFI
SZ18300413	R-BL-A-180M/SENZ-WIFI	SENZ-WIFI
SZ18300414	R-BL-A-200M/SENZ-WIFI	SENZ-WIFI
SZ18300415	R-BL-C-11M/SENZ-WIFI	SENZ-WIFI
SZ18300416	R-BL-C-14M/SENZ-WIFI	SENZ-WIFI
SZ18300417	R-BL-C-18M/SENZ-WIFI	SENZ-WIFI
SZ18300418	R-BL-C-21M/SENZ-WIFI	SENZ-WIFI
SZ18300419	R-BL-C-28M/SENZ-WIFI	SENZ-WIFI
SZ18300420	R-BL-C-35M/SENZ-WIFI	SENZ-WIFI
SZ18300421	R-BL-C-43M/SENZ-WIFI	SENZ-WIFI
SZ18300422	R-BL-C-50M/SENZ-WIFI	SENZ-WIFI
SZ18300423	R-BL-C-57M/SENZ-WIFI	SENZ-WIFI
SZ18300424	R-BL-C-63M/SENZ-WIFI	SENZ-WIFI
SZ18300425	R-BL-C-71M/SENZ-WIFI	SENZ-WIFI

Número de catálogo	Nombre del artículo	Thermostat Included
SZ18300426	R-BL-C-86M/SENZ-WIFI	SENZ-WIFI
SZ18300427	R-BL-C-101M/SENZ-WIFI	SENZ-WIFI
SZ18300428	R-BL-C-115M/SENZ-WIFI	SENZ-WIFI
1244-001887	R-BL-A-101M/T0/SD	No
1244-001902	R-BL-C-101M/T0/SD	No
SZ18300369	R-BL-A-10M/T0/SD	No
SZ18300370	R-BL-A-15M/T0/SD	No
SZ18300371	R-BL-A-20M/T0/SD	No
SZ18300372	R-BL-A-25M/T0/SD	No
SZ18300373	R-BL-A-30M/T0/SD	No
SZ18300374	R-BL-A-40M/T0/SD	No
SZ18300375	R-BL-A-50M/T0/SD	No
SZ18300376	R-BL-A-60M/T0/SD	No
SZ18300377	R-BL-A-70M/T0/SD	No
SZ18300378	R-BL-A-80M/T0/SD	No
SZ18300379	R-BL-A-90M/T0/SD	No
SZ18300380	R-BL-A-121M/T0/SD	No
SZ18300381	R-BL-A-142M/T0/SD	No

Número de catálogo	Nombre del artículo	Thermostat Included
SZ18300382	R-BL-A-160M/T0/SD	No
SZ18300383	R-BL-A-180M/T0/SD	No
SZ18300384	R-BL-A-200M/T0/SD	No
SZ18300385	R-BL-C-11M/T0/SD	No
SZ18300386	R-BL-C-14M/T0/SD	No
SZ18300387	R-BL-C-18M/T0/SD	No
SZ18300388	R-BL-C-21M/T0/SD	No
SZ18300389	R-BL-C-28M/T0/SD	No
SZ18300390	R-BL-C-35M/T0/SD	No
SZ18300391	R-BL-C-43M/T0/SD	No
SZ18300392	R-BL-C-50M/T0/SD	No
SZ18300393	R-BL-C-57M/T0/SD	No
SZ18300394	R-BL-C-63M/T0/SD	No
SZ18300395	R-BL-C-71M/T0/SD	No
SZ18300396	R-BL-C-86M/T0/SD	No
SZ18300397	R-BL-C-115M/T0/SD	No
SZ18300398	R-BL-A-10M/SENZ-WIFI	SENZ-WIFI
SZ18300399	R-BL-A-15M/SENZ-WIFI	SENZ-WIFI

Número de catálogo	Nombre del artículo	Thermostat Included
SZ18300400	R-BL-A-20M/SENZ-WIFI	SENZ-WIFI

ADVERTENCIA

Los productos nVent deben instalarse y usarse solo como se indica en las hojas de instrucciones y materiales de capacitación del producto nVent. Las hojas de instrucciones están disponibles en www.nvent.com y con su representante de atención al cliente de nVent. La instalación incorrecta, el mal uso, la aplicación incorrecta u otras fallas en el seguimiento completo de las instrucciones y advertencias de nVent pueden causar el mal funcionamiento del producto, daños a la propiedad, lesiones corporales graves y la muerte y/o anular la garantía.

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