

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.

RECURSOS

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

ESPECIFICAÇÕES

Cold Lead Length:	2,5 m
Min Installation Temperature:	5 °C
Diâmetro externo:	5,5 mm
Min Cable Spacing:	50 mm
Nominal Voltage:	230 V
Cor:	Blue
Ground Path Type:	Braid
Heating Cable Technology:	Constant Wattage
Outer Jacket Material:	Low Smoke Zero Halogen
Spooling System:	Sim

Table 1/2

Número do catálogo	Nome do item	Nominal Power Output	Alimentação	Power Output, Typical	Resistance Range	Comprimento
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 do catálogo	Nome do item	Nominal Power Output	Alimentação	Power Output, Typical	Resistance Range	Comprimento
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 do catálogo	Nome do item	Nominal Power Output	Alimentação	Power Output, Typical	Resistance Range	Comprimento
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 do catálogo	Nome do item	Nominal Power Output	Alimentação	Power Output, Typical	Resistance Range	Comprimento
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 do catálogo	Nome do item	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 do catálogo	Nome do item	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 do catálogo	Nome do item	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	Não
1244-001902	R-BL-C-101M/T0/SD	Não
SZ18300369	R-BL-A-10M/T0/SD	Não
SZ18300370	R-BL-A-15M/T0/SD	Não
SZ18300371	R-BL-A-20M/T0/SD	Não
SZ18300372	R-BL-A-25M/T0/SD	Não
SZ18300373	R-BL-A-30M/T0/SD	Não
SZ18300374	R-BL-A-40M/T0/SD	Não
SZ18300375	R-BL-A-50M/T0/SD	Não
SZ18300376	R-BL-A-60M/T0/SD	Não
SZ18300377	R-BL-A-70M/T0/SD	Não
SZ18300378	R-BL-A-80M/T0/SD	Não
SZ18300379	R-BL-A-90M/T0/SD	Não
SZ18300380	R-BL-A-121M/T0/SD	Não
SZ18300381	R-BL-A-142M/T0/SD	Não

Número do catálogo	Nome do item	Thermostat Included
SZ18300382	R-BL-A-160M/T0/SD	Não
SZ18300383	R-BL-A-180M/T0/SD	Não
SZ18300384	R-BL-A-200M/T0/SD	Não
SZ18300385	R-BL-C-11M/T0/SD	Não
SZ18300386	R-BL-C-14M/T0/SD	Não
SZ18300387	R-BL-C-18M/T0/SD	Não
SZ18300388	R-BL-C-21M/T0/SD	Não
SZ18300389	R-BL-C-28M/T0/SD	Não
SZ18300390	R-BL-C-35M/T0/SD	Não
SZ18300391	R-BL-C-43M/T0/SD	Não
SZ18300392	R-BL-C-50M/T0/SD	Não
SZ18300393	R-BL-C-57M/T0/SD	Não
SZ18300394	R-BL-C-63M/T0/SD	Não
SZ18300395	R-BL-C-71M/T0/SD	Não
SZ18300396	R-BL-C-86M/T0/SD	Não
SZ18300397	R-BL-C-115M/T0/SD	Não
SZ18300398	R-BL-A-10M/SENZ-WIFI	SENZ-WIFI
SZ18300399	R-BL-A-15M/SENZ-WIFI	SENZ-WIFI

Número do catálogo	Nome do item	Thermostat Included
SZ18300400	R-BL-A-20M/SENZ-WIFI	SENZ-WIFI

AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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