



DEVlaqua™ 9T - 230 V, DEVlaqua™ 9T - 400 V, DEVlaqua™ Special Order

The DEVlaqua™ 9T is a light blue, high-quality, round, series resistive, full screened, twin conductor heating cable with a tough outer sheath and with a special ¾" and 1" pipe fitting. It is approved for use in contact with drinking water up to 23 °C.

The DEVlaqua™ 9T is a heating cable developed for being installed inside drinking water pipes with the purpose to prevent frozen pipes (not for keeping water hot in pipes).

The heating cable is supplied in readymade lengths with a ¾" and 1" fitting to establish a water tight entrance for the heating cable into the drinking water pipe. It is equipped with a UV stable cold lead with solid conductors ensuring fast installation with a clearly visible connection.

Note! DEVlaqua™ 9T is only for use when installed in a pipe and only when fully covered by water. DEVlaqua™ 9T is only intended for being used for drinking water with max. temperature 23 °C.

Benefits:

- Frost protection inside water pipes
- Approved for drinking water
- GDV certificate
- Readymade with cold tail
- Wide range up to 417 m
- ¾" and 1" pipe fitting
- Power supply 230 & 400 V
- Safe and robust
- Long life-time

Standard compliance:

- IEC 60800:2009

Approvals:



Type	Value
Nominal voltage	230 or 400 V~
Construction	Round, series resistive, twin conductor with 360° screen, with ¾" and 1" pipe fitting, one cold lead
Output:	
• Ready made	9 W/m
• Special order, max	15 W/m
Max. water pressure	10 Bar
Max. water temperature	23 °C
Cable dimensions	Ø 7 mm
Deformation strength	>1500 N
Pulling strength	>650 N
Conductor insulation	PEX
Outer sheath	Light blue, MDPE
Screen	Alu-foil 100% coverage + 0,5 mm ² tinned copper drain wire
Cold lead	2,3 m, 3x1,5 mm ² , DTCL, UV-resistant
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP Class	IPX7

Type: DEVlaqua™ 9T - 230 V

Item no.	Output @ 230 V~	Cable length	Resistance	EAN no.
140F0000	25 W	3 m	2116,0 Ω	5703466201534
140F0001	45 W	5 m	1175,6 Ω	5703466201541
140F0002	65 W	7 m	813,8 Ω	5703466201558
140F0003	90 W	10 m	587,8 Ω	5703466201565
140F0004	110 W	12 m	480,9 Ω	5703466201572
140F0005	135 W	15 m	391,9 Ω	5703466201589
140F0006	180 W	20 m	293,9 Ω	5703466201596
140F0007	225 W	25 m	235,1 Ω	5703466201602
140F0008	270 W	30 m	195,9 Ω	5703466201619
140F0009	315 W	35 m	167,9 Ω	5703466201626
140F0010	360 W	40 m	146,9 Ω	5703466201633
140F0011	450 W	50 m	117,6 Ω	5703466201640
140F0012	540 W	60 m	98,0 Ω	5703466201657
140F0013	630 W	70 m	84,0 Ω	5703466201664
140F0014	720 W	80 m	73,5 Ω	5703466201671
140F0015	810 W	90 m	65,3 Ω	5703466201688
140F0016	900 W	100 m	58,7 Ω	5703466201695
140F0017	990 W	110 m	53,4 Ω	5703466201701
140F0018	1080 W	120 m	49,0 Ω	5703466201718
140F0019	1170 W	130 m	45,2 Ω	5703466201725
140F0020	1260 W	140 m	42,0 Ω	5703466201732

Item no.	Output @ 230 V~	Cable length	Resistance	EAN no.
140F0021	1350 W	150 m	39,2 Ω	5703466201749
140F0022	1405 W	157 m	37,7 Ω	5703466249345
140F0023	1510 W	167 m	35,1 Ω	5703466249352
140F0024	1695 W	187 m	31,2 Ω	5703466249369
140F0025	1895 W	210 m	27,9 Ω	5703466249376
140F0026	1965 W	219 m	26,9 Ω	5703466249383
140F0027	2160 W	240 m	24,5 Ω	5703466249390

Type: DEVlaqua™ 9T - 400 V

Item no.	Output @ 400 V~	Cable length	Resistance	EAN no.
140F0030	2450 W	272 m	65,3	5703466249406
140F0031	2625 W	290 m	60,9	5703466249413
140F0032	2940 W	326 m	54,4	5703466249420
140F0033	3285 W	366 m	48,7	5703466249437
140F0034	3425 W	380 m	46,7	5703466249444
140F0035	3760 W	417 m	42,5	5703466249451

Type: DEVlaqua™ Special Order ¹⁾

Item no.	Output	Cable length	Resistance	EAN no.
140F9997	max 15 W/m	-	-	5703466212820

¹⁾When making DEVlaqua™ Special Order, 3 points from the table below should be considered: 230 V or 400 V, W/m and Length.

Possible cable lengths for Special Order with output from 10 W/m to 15 W/m

230 V						400 V						Reference data for Special Order		
W/m						W/m								
10	11	12	13	14	15	10	11	12	13	14	15	Item. no.	Description	Ohm/m
Calculated length, m*						Calculated length, m*								
2,7	2,6	2,5	2,4	2,3	2,2	4,8	4,5	4,3	4,2	4,0	3,9	140F0000	DEVlaqua™ 9T, 230 V, 3 m	705
4,7	4,5	4,3	4,2	4,0	3,9	8,3	7,9	7,5	7,2	7,0	6,7	140F0001	DEVlaqua™ 9T, 230 V, 5 m	235
6,8	6,4	6,2	5,9	5,7	5,5	11,7	11,2	10,7	10,3	9,9	9,6	140F0002	DEVlaqua™ 9T, 230 V, 7 m	116
9,5	9,0	8,7	8,3	8,0	7,7	16,5	15,7	15,1	14,5	13,9	13,5	140F0003	DEVlaqua™ 9T, 230 V, 10 m	58,8
11,5	11,0	10,5	10,1	9,7	9,4	20,0	19,1	18,3	17,5	16,9	16,3	140F0004	DEVlaqua™ 9T, 230 V, 12 m	40,0
14,2	13,6	13,0	12,5	12,0	11,6	25	24	23	22	21	20	140F0005	DEVlaqua™ 9T, 230 V, 15 m	26,1
19,0	18,1	17,3	16,6	16,0	15,5	33	31	30	29	28	27	140F0006	DEVlaqua™ 9T, 230 V, 20 m	14,7
24	23	22	21	20	19	41	39	38	36	35	34	140F0007	DEVlaqua™ 9T, 230 V, 25 m	9,40
29	27	26	25	24	23	50	47	45	44	42	41	140F0008	DEVlaqua™ 9T, 230 V, 30 m	6,50
33	32	30	29	28	27	58	55	53	51	49	47	140F0009	DEVlaqua™ 9T, 230 V, 35 m	4,80
38	36	35	33	32	31	66	63	60	58	56	54	140F0010	DEVlaqua™ 9T, 230 V, 40 m	3,67
47	45	43	42	40	39	83	79	75	72	70	67	140F0011	DEVlaqua™ 9T, 230 V, 50 m	2,35
57	54	52	50	48	47	99	94	90	87	84	81	140F0012	DEVlaqua™ 9T, 230 V, 60 m	1,63
66	63	61	58	56	54	115	110	105	101	98	94	140F0013	DEVlaqua™ 9T, 230 V, 70 m	1,20
76	72	69	67	64	62	132	126	121	116	112	108	140F0014	DEVlaqua™ 9T, 230 V, 80 m	0,918
85	81	78	75	72	70	149	142	136	130	126	121	140F0015	DEVlaqua™ 9T, 230 V, 90 m	0,725
95	90	87	83	80	77	165	157	151	145	139	135	140F0016	DEVlaqua™ 9T, 230 V, 100 m	0,588
104	100	95	92	88	85	182	173	166	159	154	148	140F0017	DEVlaqua™ 9T, 230 V, 110 m	0,485
114	109	104	100	96	93	198	189	181	174	167	162	140F0018	DEVlaqua™ 9T, 230 V, 120 m	0,408
123	118	113	108	104	101	214	204	196	188	181	175	140F0019	DEVlaqua™ 9T, 230 V, 130 m	0,348
133	127	121	116	112	108	231	220	211	203	195	189	140F0020	DEVlaqua™ 9T, 230 V, 140 m	0,300
142	136	130	125	120	116	248	236	226	217	209	202	140F0021	DEVlaqua™ 9T, 230 V, 150 m	0,261
148	142	136	130	125	121	258	246	236	226	218	211	140F0022	DEVlaqua™ 9T, 230 V, 157 m	0,240
159	151	145	139	134	130	276	263	252	242	233	225	140F0023	DEVlaqua™ 9T, 230 V, 167 m	0,210
178	170	162	156	150	145	310	295	283	271	262	253	140F0024	DEVlaqua™ 9T, 230 V, 187 m	0,167
199	190	182	175	169	163	347	331	317	304	293	283	140F0025	DEVlaqua™ 9T, 230 V, 210 m	0,133
207	198	189	182	175	169	361	344	329	316	305	294	140F0026	DEVlaqua™ 9T, 230 V, 219 m	0,123
228	217	208	200	192	186	396	378	362	347	335	323	140F0027	DEVlaqua™ 9T, 230 V, 240 m	0,102

***Notice:** Some cables have high output and correct size of power cold lead should be chosen according to local norms and regulations. Normally do not allowed more than 10 A for a 1,5 mm² cold lead, and more than 16 A for a 2,5 mm² cold lead.