

Technical data

DVCM-xx / FH-xxx Heating mats

Pursuant to EN 60335-2-96

- Double conducted heating cable.
- Outer diameter: 3,2 mm +0,4 / -0,0mm, with a round shape
- Heating conductor: Solid resistance wire, according to table below. Diameter 0,30 to 0,60mm. Material: NiCr – CuNi15 – CuNi30 – CuNi44
- ETFE Insulation of heating conductors. Wall thickness 0,25 mm +0,10 / -0,00 mm
- Enforcement: 2 x Technora T-200, dtex 800 or similar
- Protective shield: 24 x 0,20 tinned copper, longitudinal (SZ) laid
- Outer sheath: PVC sheath composition 0,70 mm+0,4 / -0,3mm
- Colour of outer sheath: PMS 021 orange or RAL 1028 Yellow
- Rated voltage: 230 VAC
- Dielectric strength primary insulation: 2500 Volt AC / 5 seconds
- Orange or Black glass fibre mesh 10 x 10 mm

DVCM-150 FH-150 Heating Mat 150 Watt /m²

Item no.	Mat wide:50 cm C-C distance [cm]	C-C /	m ² /	Length	Resistance values			Length of	Total	Total	Power /	Power /	Power/
		mat	mat	of mat	conductor- 1	Conductor- 2	+10% / - 0%	cable	resistance	resistance	mat	m ²	meter cable
				[meter]	[ohm/m]	[ohm/m]		[meter]	[Ohm]		[Watt]	[Watt]	[Watt]
								(+40 cm)	Nom	Max			
15001	8	25	1	2	12,500	12,500	25,000	13,5	339	372	156	156	11,5
15002	8	38	1,5	3	5,600	5,600	11,200	20,1	225	248	235	157	11,7
15003	8	50	2	4	3,150	3,150	6,300	26,7	168	185	315	157	11,8
15004	8	63	2,5	5	2,000	2,000	4,000	33,3	133	146	398	159	12,0
15005	8	75	3	6	1,390	1,390	2,780	39,8	111	122	478	159	12,0
15006	8	100	4	8	0,790	0,790	1,580	53,0	84	92	632	158	11,9
15007	8	125	5	10	0,510	0,510	1,020	66,1	67	74	785	157	11,9
15008	8	150	6	12	0,350	0,350	0,700	79,2	55	61	954	159	12,0
15009	8	175	7	14	0,260	0,260	0,520	92,4	48	53	1101	157	11,9
15011	8	200	8	16	0,205	0,205	0,410	105,5	43	48	1223	153	11,6
15010	8	225	9	18	0,155	0,155	0,310	120,9	37	41	1411	157	11,7
15012	8	250	10	20	0,130	0,130	0,260	134,3	35	38	1515	151	11,3
15013	8	275	11	22	0,105	0,105	0,210	147,7	31	34	1706	155	11,5
15014	8	300	12	24	0,090	0,090	0,180	161,1	29	32	1824	152	11,3

Printing on cable: www.dansk-varmekabel.dk - DVCM- 150 / FH-200 - Total resistance - Power / mat

(Power / mat as: 150-225-300-375-450-600-750-900-1050-1350-1500-1650-1800)

Example: www.dansk-varmekabel.dk DVCM-150 - 133 ohm - 375 watt

DVCM-200 / FH-200 Heating mat 200 Watt / m²

Item no.	Mat wide:50 C-C distance [cm]	C-C /	m ² /	Length	Resistance values +10% / - 0%			Length of	Total	Total	Power /	Power /	Power/
		mat	mat	of mat	conductor- 1	Conductor- 2	total	cable	resistance	resistance	mat	m ²	meter cable
				[meter]	[ohm/m]	[ohm/m]		[meter]	[Ohm]		[Watt]	[Watt]	[Watt]
								(+40 cm)	Nom.	Max			
20001	6	33	1	2	7,500	7,500	15,000	17,5	263	289	200	201	11,5
20002	6	67	2	4	1,900	1,900	3,800	34,7	132	145	400	201	11,6
20003	6	100	3	6	0,850	0,850	1,700	51,8	88	97	600	200	11,6
20004	6	133	4	8	0,480	0,480	0,780	69,0	66	73	800	200	14,3
20005	6	167	5	10	0,305	0,305	0,610	86,1	53	58	1000	201	11,7
20006	6	200	6	12	0,214	0,214	0,428	103,2	44	49	1200	200	11,6
20007	6	233	7	14	0,156	0,156	0,312	120,4	38	41	1400	201	11,7
20008	6	267	8	16	0,120	0,120	0,240	137,5	33	36	1600	200	11,7
20009	6	300	9	18	0,093	0,093	0,186	157,7	29	32	1800	200	11,4
20010	6	333	10	20	0,075	0,075	0,150	175,1	26	29	2000	201	11,5

Printing on cable: www.dansk-varmekabel.dk - DVCM- 200 / FH-200 - Total resistance - Power / mat

(Power / mat as: 200-400-600-800-1000-1200-1400-1600-1800-2000 Watt)

Example: www.dansk-varmekabel.dk - DVCM-200 - 26 ohm - 2000 Watt