

**ELEKTRA VCD35 HEATING CABLE**

Series resistant double conductor cable. Edition for the Australian market only!

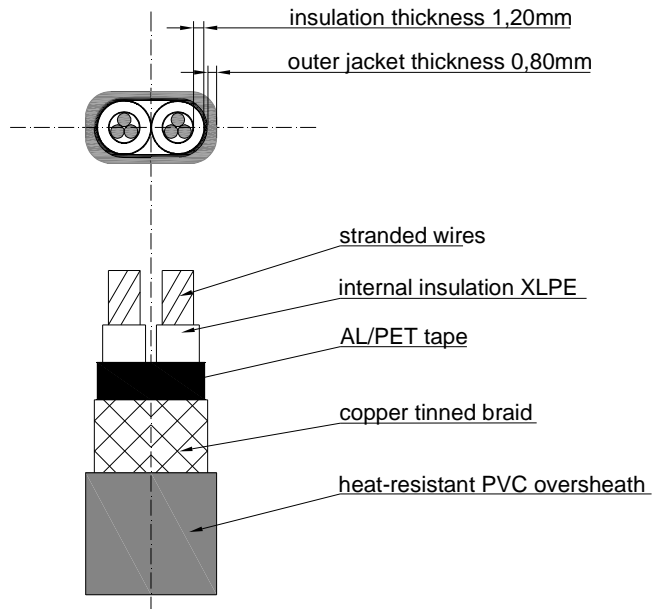
**Introduction**

The VCD35 heating cable is designed for underfloor heating only.  
The XLPE insulation and PVC outer sheath are extremely resistant to concrete, water and soil.

**Technical specification**

Construction:	Heating conductor (spiral in VCSD type and strand in VCD type): - XLPE insulation - AL/PET Tape - Copper tinned braid - PVC outer sheath  Cold tails (H05VV-F 3x1,0 to 4,0 mm <sup>2</sup> )
Conductor form:	Flat
Dimension:	from 5,2 mm x 7,2 mm to 6,4 mm x 8,8 mm
Resistance range:	400 Ω/m to 0,046Ω/m
Nominal power rating:	35 W/m (240V)
Max. operating temperature:	80 °C
Peak withstand temperature:	105 °C
Nominal voltage:	300/500 V AC
Test (dielectric) voltage:	2500 V AC
Standard (heating cable):	IEC Publication 800
Standard (heating set):	EN 60335-1

## Construction



## Technical data

35 W/m 240V

Type	Type of cable	Resistance	Length	Output
		$\Omega/m$	m	W
VCD 35/70	VCSD-0	400,0	2	70
VCD 35/105	VCSD-1	180,0	3	105
VCD 35/140	VCSD-2	100,0	4	140
VCD 35/175	VCSD-3	64,0	5	175
VCD 35/210	VCSD-4	44,8	6	210
VCD 35/245	VCD-0	29,6	7	245
VCD 35/315	VCD-1	19,04	9	315
VCD 35/385	VCD-2	13,22	11	385
VCD 35/455	VCD-3	9,70	13	455
VCD 35/525	VCD-4	7,42	15	525
VCD 35/630	VCD-5	5,26	18	630
VCD 35/700	VCD-6	3,92	20	700
VCD 35/805	VCD-7	3,04	23	805
VCD 35/910	VCD-8	2,48	26	910
VCD 35/1120	VCD-9	1,65	32	1120
VCD 35/1365	VCD-10	1,08	39	1365
VCD 35/1785	VCD-11	0,652	51	1785
VCD 35/2170	VCD-11A	0,434	62	2170
VCD 35/2380	VCD-12	0,358	68	2380
VCD 35/2835	VCD-13	0,252	81	2835
VCD 35/3045	VCD-14	0,216	87	3045
VCD 35/3395	VCD-15	0,176	97	3395
VCD 35/3710	VCD-16	0,146	106	3710
VCD 35/4025	VCD-17	0,124	115	4025
VCD 35/4375	VCD-18	0,105	125	4375
VCD 35/5390	VCD-19	0,0694	154	5390
VCD 35/6580	VCD-20	0,0464	188	6580

Values may vary by up to 5%.

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