

TECHNICAL DATA SHEET

ELEKTRA HEATING CABLE Type VCD R20, 20 W/m, 230 V

Series resistant double conductor cable

Introduction

The ELEKTRA VCD R20 Heating Cables are ready-to-install heating sets which are produced in accordance with EN 60335-2-83.

Heating cable of the length depending on the model, has factory connected cold tail cable.

A system designed for outdoor use to protect roofs, gutters and downpipes against snow and ice.

Technical specification

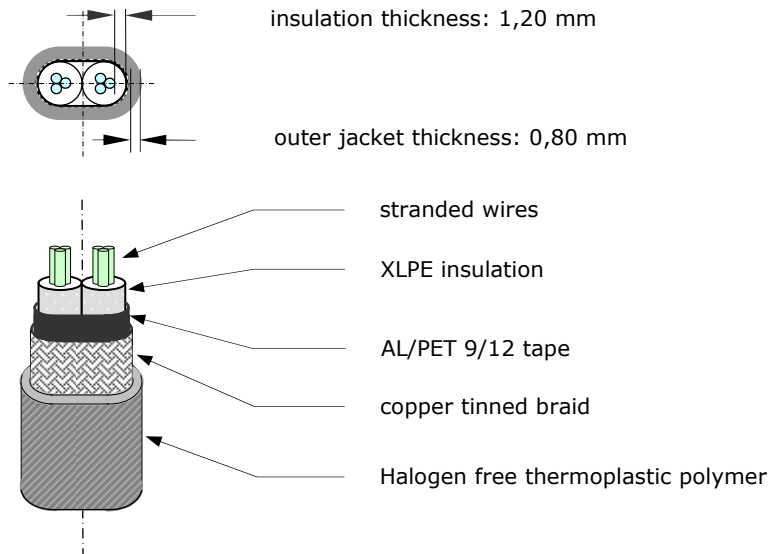
Construction:	Heating conductor (strand) - XLPE insulation - AL/PET 9/12 tape + copper braid - Halogen free thermoplastic polymer outer sheath, Cold tails -H05RN-F 3G1,0 or 3G1,5 or 3G2,5mm ²
Conductor form:	Flat
Dimension:	from 5,20 x 7,20 mm to 6,40 x 8,80 mm
Resistance range:	28 Ω/m to 0,083 Ω/m
Nominal power rating:	20 W/m
Max. operating temperature:	80 °C
Peak withstand temperature:	105 °C
Nominal voltage for: - heating cable - set	300/500 VAC 230 VAC
Test (dielectric) voltage:	2500 VAC
Standard(for heating cable):	IEC 60800
Standard (for set):	EN 60335-1; EN 60335-2-83

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Construction



Technical data

20 W/m 230V

Type of product	Type of cable	Resistance	Length	Output
		Ω/m	m	W
VCD R20/180	VCD-0	29,7	9	180
VCD R20/240	VCD-1	19,0	12	240
VCD R20/320	VCD-3	9,70	16	320
VCD R20/380	VCD-4	7,42	19	380
VCD R20/520	VCD-6	3,93	26	520
VCD R20/580	VCD-7	3,05	29	580
VCD R20/800	VCD-9	1,65	40	800
VCD R20/1000	VCD-10	1,08	50	1000
VCD R20/1140	VCD-10A	0,826	57	1140
VCD R20/1300	VCD-11	0,633	65	1300
VCD R20/1560	VCD-11A	0,435	78	1560
VCD R20/1720	VCD-12	0,359	86	1720
VCD R20/2040	VCD-13	0,253	102	2040
VCD R20/2360	VCD-14A	0,191	118	2360
VCD R20/2700	VCD-16	0,145	135	2700
VCD R20/3000	VCD-17A	0,119	150	3000
VCD R20/3400	VCD-18A	0,0878	170	3400

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