

TECHNICAL DATA SHEET

ELEKTRA HEATING CABLE Type VCD R30, 30 W/m, 230 V

Series resistant double conductor cable

Introduction

The ELEKTRA VCD R30 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

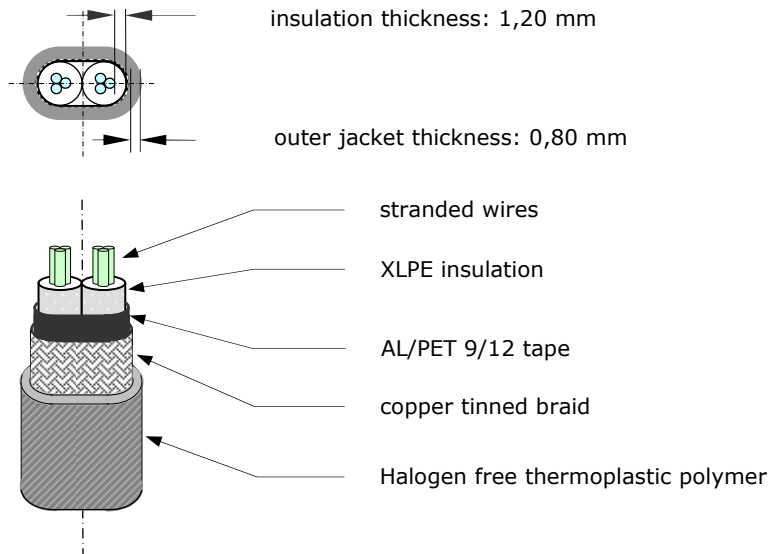
Construction:	Heating conductor (strand) - XLPE insulation - AL/PET 9/12 tape + copper braid - Halogen free thermoplastic polymer outer sheath, Cold tails -H05RN-F 3G1,0 or 3G1,5 or 3G2,5mm ²
Conductor form:	Flat
Dimension:	from 5,20 x 7,20 mm to 6,40 x 8,80 mm
Resistance range:	28 Ω/m to 0,083 Ω/m
Nominal power rating:	30 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

30 W/m 230V

Type of product	Type of cable	Resistance	Length	Output
		Ω/m	m	W
VCD R30/240	VCD-0	29,7	7,5	240
VCD R30/280	VCD-1	19,0	10	280
VCD R30/400	VCD-3	9,70	13,5	400
VCD R30/480	VCD-4	7,42	15	480
VCD R30/640	VCD-6	3,93	21	640
VCD R30/720	VCD-7	3,05	24	720
VCD R30/970	VCD-9	1,65	33	970
VCD R30/1230	VCD-10	1,08	40	1230
VCD R30/1400	VCD-10A	0,826	46	1400
VCD R30/1580	VCD-11	0,633	53	1580
VCD R30/1900	VCD-11A	0,435	64	1900
VCD R30/2100	VCD-12	0,359	70	2100
VCD R30/2520	VCD-13	0,253	83	2520
VCD R30/2900	VCD-14A	0,191	96	2900
VCD R30/3320	VCD-16	0,145	110	3320
VCD R30/3640	VCD-17A	0,119	122	3640
VCD R30/4240	VCD-18A	0,0878	142	4240

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