



## H07V-K (RK) 450/750V

Cross section, mm <sup>2</sup>	<b>1.5</b>	<b>2.5</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>
Number of strands.....	32	54	48	72	72	112	176	248	352
Diameter of strand, nom.....	0.23	0.23	0.31	0.31	0.41	0.41	0.41	0.41	0.41
Conductor diameter, nom.....	1.6	2.1	2.5	3.2	4.2	5.3	6.5	7.5	9.0
Conductor resistance, ohm/km..	13.3	7.98	4.95	3.30	1.91	1.21	0.78	0.554	0.386
Insulation wall thickness, nom...	0.7	0.8	0.8	0.8	1.0	1.0	1.2	1.2	1.4
Insulation wall thickness, min....	0.53	0.62	0.62	0.62	0.8	0.8	0.98	0.98	1.16
Outside diameter, nom.....	3.0	3.7	4.1	4.8	6.2	7.3	8.9	9.9	11.8
Weight, kg/km.....	20	32	45	65	110	170	250	340	480

Cross section, mm <sup>2</sup>	<b>70</b>	<b>95</b>	<b>120</b>	<b>150</b>	<b>185</b>	<b>240</b>	<b>300</b>	<b>400</b>
Conductor diameter, nom.....	10.8	12.3	14.7	16.7	18.7	21.3	24	27.4
Conductor resistance, ohm/km..	0.272	0.206	0.161	0.129	0.106	0.0801	0.0641	0.0486
Insulation wall thickness, nom...	1.4	1.6	1.6	1.8	2.0	2.2	2.4	2.6
Insulation wall thickness, min....	1.16	1.34	1.34	1.52	1.7	1.88	2.06	2.24
Outside diameter, nom.....	13.6	15.5	17.9	21.0	22.6	26.7	28.8	32.6
Weight, kg/km.....	660	875	1110	1400	1700	2230	2750	3650