

Building wire H05V-U 300/500V						
Conductor			Insulation thickness	Approx. overall diameter	Approx. weight	Maximum conductor resistance at 20°C
Nominal cross-sectional area	No./diameter of wires	Approx. diameter of conductor				
mm ²	No./mm	mm	mm	mm	kg/km	Ω / km
0.5	1/0.75	0.75	0.6	2	8.2	36
0.75	1/0.97	0.97	0.6	2.2	11	24.5
1	1/1.13	1.13	0.6	2.4	13.8	18.1

Building wire H05V-R 300/500V						
Conductor			Insulation thickness	Approx. overall diameter	Approx. weight	Maximum conductor resistance at 20°C
Nominal cross-sectional area	No./diameter of wires	Approx. diameter of conductor				
mm ²	No./mm	mm	mm	mm	kg/km	Ω / km
0.5	7/0.30	0.9	0.6	2.1	8.55	36
0.75	7/0.37	1.11	0.6	2.4	11.5	24.5
1	7/0.43	1.29	0.6	2.5	14.33	18.1

Building wire H05V-K 300/500V						
Conductor			Insulation thickness	Approx. overall diameter	Approx. weight	Maximum conductor resistance at 20°C
Nominal cross-sectional area	No./diameter of wires	Approx. diameter of conductor				
mm ²	No./mm	mm	mm	mm	kg/km	Ω / km
0.5	16/0.20	0.92	0.6	2.2	8.65	39
0.75	24/0.20	1.13	0.6	2.3	11.5	26
1	32/0.20	1.3	0.6	2.5	14.2	19.5

*The information in this datasheet is for reference only and is subject to change without notice or liability.