



**Siechem Annealed Plain Copper Conductor PVC Insulated and PVC Sheathed Cable (H05V2V2-F ) Type**

**Application**

- ✓ Use in domestic appliances, kitchens and offices
- ✓ Light portable appliances such as radios, table lamps and office equipment
- ✓ Refrigerators, washing machines and spin dryers.
- ✓ Internal wiring or supply cords to electrical apparatus
- ✓ Use in high temperature zones
- ✓ Pendant light drops and light supply leads.

**Features**

- ✓ Flame Retardant according to IEC/EN 60332-1-2
- ✓ Cable flexibility
- ✓ Low Mechanical resistance to impacts
- ✓ Harmonized flexible cable for internal
- ✓ PVC self-extinguishing
- ✓ Oil resistant variant

**Product Construction**

- ✓ Conductor : Annealed copper conductor, Class 5 flexible conductor as per EN 60228
- ✓ Insulation : PVC Type TI 3 as per EN 50363-3.
- ✓ Sheath : PVC Type TM 3 as per EN 50363-4-1

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
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**Technical Data**

- ✓ Specification :BS EN 50525-2-11:2011 BS-6500
- ✓ Test voltage - 2kV
- ✓ Conductor resistance - EN 60228
- ✓ Working Voltage (u<sub>0</sub>/u): 300/500 V
- ✓ Max operating Temps : 90°C
- ✓ Max short circuit temp : 160°C

Part Number	Number of Cores	Size	Conductor diameter	Thickness of insulation	Thickness of Sheath	Overall diameter		Max conductor resistance at a 20°C	Weight approx.
						Minimum	Maximum		
	Nos.	mm <sup>2</sup>	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0360802	2	0.75	1.14	0.6	0.8	5.7	7.2	26.0	66
A0361002	2	1	1.32	0.6	0.8	5.9	7.5	19.5	55
A0361302	2	1.5	1.6	0.7	0.8	6.8	8.6	13.3	97
A0361602	2	2.5	2.0	0.8	1.0	8.4	10.6	7.98	148
A0361902	2	4	2.6	0.8	1.1	9.7	12.1	4.95	194
A0360803	3	0.75	1.14	0.6	0.8	6.0	7.6	26.0	80
A0361003	3	1	1.32	0.6	0.8	6.3	8.0	19.5	92
A0361303	3	1.5	1.6	0.7	0.9	7.4	9.4	13.3	125
A0361603	3	2.5	2.0	0.8	1.1	9.2	11.4	7.98	185
A0361903	3	4	2.6	0.8	1.2	10.5	13.1	4.95	240
A0360804	4	0.75	1.14	0.6	0.8	6.6	8.3	26.0	96
A0361004	4	1	1.32	0.6	0.9	7.1	9.0	19.5	114
A0361304	4	1.5	1.6	0.7	1.0	8.4	10.5	13.3	155
A0361604	4	2.5	2.0	0.8	1.1	10.1	12.5	7.98	220
A0361904	4	4	2.6	0.8	1.2	11.5	14.3	4.95	305
A0360805	5	0.75	1.14	0.6	0.9	7.4	9.3	26.0	124
A0361005	5	1	1.32	0.6	0.9	7.8	9.8	19.5	143
A0361305	5	1.5	1.6	0.7	1.1	9.3	11.6	13.3	200
A0361605	5	2.5	2.0	0.8	1.2	11.2	13.9	7.98	285
A0361905	5	4	2.6	0.8	1.4	13.0	16.1	4.91	397

