



**Siechem Annealed Plain Copper Conductor PVC Insulated and PVC Sheathed Cable (H05VV-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 2 as per EN 50363-3
- ✓ Sheath : PVC Type TM 2 as per EN 50636-4-1

**Technical Data**

- ✓ Specification :BS EN 50525-2-11:2011 BS-6500
- ✓ Test voltage - 2kV
- ✓ Conductor resistance - EN 60228
- ✓ Max. Operating temperature : 70°C
- ✓ Working voltage (u<sub>0</sub>/u): 300/500V

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
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Part Number	Number of Cores	Size	Conductor diameter	Thickness of insulation	Thickness of Sheath	Overall diameter		Max. Conductor resistance at 20°C	Weight approx.
						Minimum	Maximum		
	Nos.	mm <sup>2</sup>	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0320802	2	0.75	1.14	0.6	0.8	5.7	7.2	26.0	66
A0321002	2	1	1.32	0.6	0.8	5.9	7.5	19.5	75
A0321302	2	1.5	1.6	0.7	0.8	6.8	8.6	13.3	97
A0321602	2	2.5	2.0	0.8	1.0	8.4	10.6	7.98	148
A0321902	2	4	2.6	0.8	1.1	9.7	12.1	4.95	199
A0320803	3	0.75	1.14	0.6	0.8	6.0	7.6	26.0	80
A0321003	3	1	1.32	0.6	0.8	6.3	8.0	19.5	92
A0321303	3	1.5	1.6	0.7	0.9	7.4	9.4	13.3	125
A0321603	3	2.5	2.0	0.8	1.1	9.2	11.4	7.98	182
A0321903	3	4	2.6	0.8	1.2	10.5	13.1	4.95	247
A0320804	4	0.75	1.14	0.6	0.8	6.6	8.3	26.0	96
A0321004	4	1	1.32	0.6	0.9	7.1	9.0	19.5	114
A0321304	4	1.5	1.6	0.7	1.0	8.4	10.5	13.3	155
A0321604	4	2.5	2.0	0.8	1.1	10.1	12.5	7.98	220
A0321904	4	4	2.6	0.8	1.2	11.5	14.3	4.95	302
A0320805	5	0.75	1.14	0.6	0.9	7.4	9.3	26.0	124
A0321005	5	1	1.32	0.6	0.9	7.8	9.8	19.5	143
A0321305	5	1.5	1.6	0.7	1.1	9.3	11.6	13.3	200
A0321605	5	2.5	2.0	0.8	1.2	11.2	13.9	7.98	285
A0321905	5	4	2.6	0.8	1.4	13.0	16.1	4.95	397

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	Green-Yellow - 29

