


**Siechem Annealed Plain Copper Conductor 300/500V PVC Type Insulated (H05V-K ) Single core Cable**
**Application**

- ✓ Laying in tubes, exposed or buried in plaster, and in closed in installation ducts.
- ✓ For direct laying on racks, troughs and tubes only as potential equalisation conductor.
- ✓ Used for the internal wiring of electric motors and transformers as well as electrical appliances.
- ✓ Used for panels and cabinets stranding.

**Features**

- ✓ Good abrasion resistance easy stripping
- ✓ Flame retardant
- ✓ Flexibility
- ✓ Medium Mechanical Stress
- ✓ High electric strength

**Product Construction**

- ✓ Conductor : Annealed Copper conductor, Class 5 flexible conductor EN 60228
- ✓ Insulation : PVC compound Type TI 1 as per EN 50363-3

**Technical Data**

- ✓ Specification : BS EN 50525-2-31:2011 BS-6004
- ✓ Test voltage - 2kV
- ✓ Conductor resistance - EN 60228
- ✓ Rated voltage ( $u_0/u$ ) : 300/500
- ✓ Max. Operating temperature : 70°C

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>

Part Number	Size	Conductor diameter	Thickness of insulation	Overall diameter		Max. conductor resistance at a 20°C	Weight approx.	Current Carrying Capacity
				Minimum	Maximum			
	mm <sup>2</sup>	mm	mm	mm	mm	Ω/Km	Kg/Km	Amps
A04406XX	0.5	0.5	0.6	2.1	2.5	39.0	11	3
A04408XX	0.75	0.75	0.6	2.2	2.7	26.0	14	6
A04410XX	1	1	0.6	2.4	2.8	19.5	16	10

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	



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