

## Siechem Annealed Plain Copper Conductor Single core 450/750 V PVC Insulated (H07V-U) Cable

### Application

- ✓ Suitable for power and lighting circuits and building wiring, Plant engineering
- ✓ internal connectors in rectifier equipment, motor starters and controllers.
- ✓ electronic appliances for measuring, regulating and controlling, internal wiring in lighting applications Industrial machinery
- ✓ Heating and air-conditioning systems switch control, relay and instrumentation panels of power switch gear In EMC-sensitive environments

### Features

- ✓ Flame-retardant according IEC 60332-1-2
- ✓ Good chemical resistance
- ✓ High flexibility
- ✓ Weather resistance,
- ✓ Oil & grease resistant

### Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 1
- ✓ Insulation : PVC compound Type T1 1 to EN 50363-3 applied around the conductor

### Technical Data

- ✓ Specification :BS EN 50525-2-31:2011 BS-6004
- ✓ Test voltage - 2kV
- ✓ Conductor resistance - EN 60228
- ✓ Rated voltage : 450/750 V
- ✓ Max. Operating Temperature : 70°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Part Number	Size	Max Conductor diameter Nom	Thickness of insulation (Nom)	Overall diameter		Max conductor resistance at 20°C	Weight approx.
				Minimum	Maximum		
	mm <sup>2</sup>	mm	mm	mm	mm	Ω/Km	Kg/Km
A03913XX	1.5	1.5	0.7	2.6	3.2	12.1	22
A03916XX	2.5	1.9	0.8	3.2	3.9	7.41	34
A03919XX	4	2.4	0.8	3.6	4.4	4.61	48
A03923XX	6	2.9	0.8	4.1	5.0	3.08	68
A03927XX	10	3.7	1.0	5.3	6.4	1.83	110

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	

