



Siechem Annealed Plain Copper Conductor 450/750 V PVC Insulated (H07V-K) Singlecore 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 5
- ✓ Insulation : PVC compound Type TI 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	Conductor diameter Nom.	Thickness of Insulation Nom.	Overall diameter		Max conductor resistance at 20°C	Weight approx.	Current Carrying Capacity
				Minimum	Maximum			
	mm ²	mm	mm	mm	mm	Ω/Km	Kg/Km	Amps
A04113XX	1.5	1.6	0.7	2.8	3.4	13.3	23	16
A04116XX	2.5	2.0	0.8	3.4	4.1	7.98	35	20
A04119XX	4	2.6	0.8	3.9	4.8	4.95	49	25
A04123XX	6	3.3	0.8	4.4	5.3	3.30	68	36
A04127XX	10	4.2	1.0	5.7	6.8	1.91	112	50
A04128XX	16	5.3	1.0	6.7	8.1	1.21	167	68
A04130XX	25	6.6	1.2	8.4	10.2	0.780	255	89
A04132XX	35	7.8	1.2	9.7	11.7	0.554	344	110
A04134XX	50	9.4	1.4	11.5	13.9	0.386	488	134
A04137XX	70	11.2	1.4	13.2	16.0	0.272	663	171
A04138XX	95	13.0	1.6	15.1	18.2	0.206	893	207
A04141XX	120	14.5	1.6	16.7	20.2	0.161	1110	239
A04142XX	150	15.4	1.8	18.6	22.5	0.129	1386	275
A04144XX	185	16.9	2.0	20.6	24.9	0.106	1706	314
A04146XX	240	19.5	2.2	23.5	28.4	0.0801	2203	369

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	

