



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

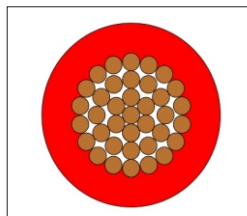
Features

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

Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 2
- ✓ Insulation : PVC compound Type TI 1 to EN 50363-3 applied around the conductor
- ✓ Colour : As per customer order

2D View



Technical Data

- ✓ Specification :BS EN 50525-2-31:2011 BS-6004
- ✓ Test voltage - 2.5 kV
- ✓ Conductor resistance - EN 60228
- ✓ Rated voltage : 450/750 V
- ✓ Max. Operating Temperature : 70°C

ISO 9001	ISO 14001	AS 9100	ISO 45001

Part Number	Size	Max Conductor diameter	Thickness of insulation (Nom)	Overall diameter		Max conductor resistance at 20°C	Min. Insulation Resistance at 70°C	Weight approx.
				Minimum	Maximum			
	mm ²	mm	mm	mm	mm	Ω/Km	M-Ω/Km	Kg/Km
A04013XX	1.5	1.7	0.7	2.7	3.3	12.1	0.010	23
A04016XX	2.5	2.2	0.8	3.3	4.0	7.41	0.0099	35
A04019XX	4	2.7	0.8	3.8	4.6	4.61	0.0082	50
A04023XX	6	3.3	0.8	4.3	5.2	3.08	0.0070	70
A04027XX	10	4.2	1.0	5.6	6.7	1.83	0.0067	115
A04028XX	16	5.3	1.0	6.4	7.8	1.15	0.0056	170
A04030XX	25	6.6	1.2	8.1	9.7	0.727	0.0053	265
A04032XX	35	7.0	1.2	9.0	10.9	0.524	0.0046	360
A04034XX	50	9.1	1.4	10.6	12.8	0.387	0.0046	510
A04037XX	70	11.0	1.4	12.1	14.6	0.268	0.0040	695
A04038XX	95	12.9	1.6	14.1	17.1	0.193	0.0039	950
A04041XX	120	14.5	1.6	15.6	18.8	0.153	0.0035	1180
A04042XX	150	16.2	1.8	17.3	20.9	0.124	0.0035	1470
A04044XX	185	18.0	2.0	19.3	23.3	0.0991	0.0035	1810
A04046XX	240	20.6	2.2	22.0	26.6	0.0754	0.0034	2335
A04048XX	300	23.1	2.4	24.5	29.6	0.0601	0.0033	2925
A04049XX	400	26.1	2.6	27.5	33.2	0.0470	0.0031	3855
A04050XX	500	29.2	2.8	30.5	36.9	0.0366	0.0030	4795
A04051XX	630	33.2	2.8	34.0	41.1	0.0283	0.0027	5975

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	

