



Siechem Annealed Plain Copper Conductor Single core 450/750 V PVC Insulated (H07V2-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 3 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 : 90°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Part Number	Size	Max Conductor diameter	Thickness of insulation (Nom)	Overall diameter		Max conductor resistance at 20°C	Weight approx.
				Minimum	Maximum		
	mm ²	mm	mm	mm	mm	Ω/Km	Kg/Km
A04613XX	1.5	1.7	0.7	2.7	3.3	12.1	23
A04616XX	2.5	2.2	0.8	3.3	4.0	7.41	34
A04619XX	4	2.7	0.8	3.8	4.6	4.61	49
A04623XX	6	3.3	0.8	4.3	5.2	3.08	70
A04627XX	10	4.2	1.0	5.6	6.7	1.83	115
A04628XX	16	5.3	1.0	6.4	7.8	1.15	165
A04630XX	25	6.6	1.2	8.1	9.7	0.727	265
A04632XX	35	7.0	1.2	9.0	10.9	0.524	355
A04634XX	50	9.1	1.4	10.6	12.8	0.387	500
A04637XX	70	11.0	1.4	12.1	14.6	0.268	690
A04638XX	95	12.9	1.6	14.1	17.1	0.193	945
A04641XX	120	14.5	1.6	15.6	18.8	0.153	1170
A04642XX	150	-	1.8	17.3	20.9	0.124	1460
A04644XX	185	-	2.0	19.3	23.3	0.0991	1795
A04646XX	240	-	2.2	22.0	26.6	0.0754	2310
A04648XX	300	-	2.4	24.5	29.6	0.0601	2890
A04649XX	400	-	2.6	27.5	33.2	0.0470	3875
A04650XX	500	-	2.8	30.5	36.9	0.0366	4750
A04651XX	630	-	2.8	34.0	41.1	0.0283	5910

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	

