



Siechem Annealed Plain Copper Conductor Single core 450/750 V PVC Type TI3 Insulated (H07V2-K) Single core Cables

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 as per EN 60228
- ✓ Insulation : PVC compound Type TI 3 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) : 450/750V
- ✓ Max. Operating temperature : 90°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Part Number	Size	Conductor diameter	Thickness of insulation	Overall diameter		Max. conductor resistance at 20°C	Weight approx.
				Minimum	Maximum		
	mm ²	mm	mm	mm	mm	Ω/Km	Kg/Km
A04713XX	1.5	1.6	0.7	2.8	3.4	13.3	23
A04716XX	2.5	2.0	0.8	3.4	4.1	7.98	35
A04719XX	4	2.6	0.8	3.9	4.8	4.95	49
A04723XX	6	3.3	0.8	4.4	5.3	3.30	68
A04727XX	10	4.2	1.0	5.7	6.8	1.91	112
A04728XX	16	5.3	1.0	6.7	8.1	1.21	167
A04730XX	25	6.6	1.2	8.4	10.2	0.780	255
A04732XX	35	7.8	1.2	9.7	11.7	0.554	344
A04734XX	50	9.4	1.4	11.3	13.9	0.386	488
A04737XX	70	11.2	1.4	13.2	16.0	0.272	663

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	

