


Siechem Annealed Plain Copper Conductor 300/500V Rubber Insulated and Sheathed Cable (H05BB-F) Ordinary duty Cable
Application

- ✓ Use for medium mechanical stress in dry, damp and wet areas
- ✓ Handling equipment, In open air for agriculture plants
- ✓ Installation on plaster, in temporary buildings and residential barracks
- ✓ Mobile power supplies, Worksites, stage and audio visual equipment
- ✓ Port areas and dams, use in drainage and water treatment
- ✓ Severe industrial environments like boilers, heating plates for transportable motors or machines at site.

Features

- ✓ Flame Retardant according to IEC/EN 60332-1-2
- ✓ High flexibility, Weather resistance, oil & grease resistant
- ✓ Capacity to withstand mechanical and thermal stresses
- ✓ In dry, damp and wet areas

Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 5 flexible conductor as per EN 60228
- ✓ Optional : Tinned copper
- ✓ Insulation : Cross-linked elastomeric Compound Type EI 6 as per EN 50363-1
- ✓ Sheath : Cross-linked elastomeric Compound Type EM 6 as per EN 50363-2-1

Technical Data

- ✓ Specification : BS EN 50525-2-21:2011 BS-6500
- ✓ Test voltage - 2kV
- ✓ Conductor resistance - EN 60228
- ✓ Rated voltage : 300/500(u₀/u)
- ✓ Max. Operating temperature : 90°C

**ISO
9001**
**ISO
14001**
**AS
9100**
**ISO
45001**


Part Number	Number of Cores	Size	Conductor diameter	Thickness of insulation	Thickness of Sheath	Overall diameter		Max conductor resistance at 20°C	Weight approx.
						Minimum	Maximum		
	Nos.	mm ²	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0190802	2	0.75	1.14	0.6	0.8	5.7	7.4	26.0	72
A0191002	2	1	1.32	0.6	0.9	6.1	8.0	19.5	85
A0191302	2	1.5	1.6	0.8	1.0	7.6	9.8	13.3	122
A0191602	2	2.5	2.0	0.9	1.1	9.0	11.6	7.98	169
A0190803	3	0.75	1.14	0.6	0.9	6.2	8.1	26.0	88
A0191003	3	1	1.32	0.6	0.9	6.5	8.5	19.5	100
A0191303	3	1.5	1.6	0.8	1.0	8.0	10.4	13.3	143
A0191603	3	2.5	2.0	0.9	1.1	9.6	12.4	7.98	201
A0191903	3	4	2.6	1.0	1.2	11.3	14.5	4.95	280
A0192303	3	6	3.3	1.0	1.4	12.8	16.3	3.30	371
A0190804	4	0.75	1.14	0.6	0.9	6.8	8.8	26.0	105
A0191004	4	1	1.32	0.6	0.9	7.1	9.3	19.5	120
A0191304	4	1.5	1.6	0.8	1.1	9.0	11.6	13.3	178
A0191604	4	2.5	2.0	0.9	1.2	10.7	13.8	7.98	251
A0191904	4	4	2.6	1.0	1.3	12.7	16.2	4.95	349
A0192304	4	6	3.3	1.0	1.5	14.2	18.1	3.30	463
A0190805	5	0.75	1.14	0.6	1.0	7.6	9.9	26.0	128
A0191005	5	1	1.32	0.6	1.0	8.0	10.3	19.5	146
A0191305	5	1.5	1.6	0.8	1.1	9.8	12.7	13.3	209
A0191605	5	2.5	2.0	0.9	1.3	11.9	15.3	7.98	303

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	


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