



Siechem Annealed Plain Copper Conductor 300/500V Rubber Insulated and Sheathed (H05RR-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 4 as per EN 50363-1
- ✓ Outer Sheath : Cross linked elastomeric compound Type EM 3 to EN 50363-2-1

Technical Data

- ✓ Specification : BS EN 50525-2-21:2011 BS-6500
- ✓ Test voltage : 2kV
- ✓ Conductor resistance : EN 60228
- ✓ Rated voltage (u₀/u) : 300/500 V
- ✓ Max. Operating temperature : 60°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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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
A0130802	2	0.75	1.14	0.6	0.8	5.7	7.4	26.0	72
A0131002	2	1	1.32	0.6	0.9	6.1	8.0	19.5	85
A0131302	2	1.5	1.6	0.8	1.0	7.6	9.8	13.3	122
A0131602	2	2.5	2.0	0.9	1.1	9.0	11.6	7.98	169
A0131902	2	4	2.6	1.0	1.2	10.6	13.7	4.95	233
A0130803	3	0.75	1.14	0.6	0.9	6.2	8.1	26.0	88
A0131003	3	1	1.32	0.6	0.9	6.5	8.5	19.5	100
A0131303	3	1.5	1.6	0.8	1.0	8.0	10.4	13.3	143
A0131603	3	2.5	2.0	0.9	1.1	9.6	12.4	7.98	201
A0131903	3	4	2.6	1.0	1.2	11.3	14.5	4.95	280
A0132303	3	6	3.3	1.0	1.4	12.8	16.3	3.30	371
A0130804	4	0.75	1.14	0.6	0.9	6.8	8.8	26.0	105
A0131004	4	1	1.32	0.6	0.9	7.1	9.3	19.5	120
A0131304	4	1.5	1.6	0.8	1.1	9.0	11.6	13.3	178
A0131604	4	2.5	2.0	0.9	1.2	10.7	13.8	7.98	251
A0131904	4	4	2.6	1.0	1.3	12.7	16.2	4.95	349
A0132304	4	6	3.3	1.0	1.5	14.2	18.1	3.30	463
A0130805	5	0.75	1.14	0.6	1.0	7.6	9.9	26.0	128
A0131005	5	1	1.32	0.6	1.0	8.0	10.3	19.5	146
A0131305	5	1.5	1.6	0.8	1.1	9.8	12.7	13.3	209
A0131605	5	2.5	2.0	0.9	1.3	11.9	15.3	7.98	303
A0131905	5	4	2.6	1.0	1.4	14.6	18.6	4.95	423

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	

