


**Siechem Annealed Plain Copper Conductor 300/500V Rubber Insulated and Sheathed (H05RN-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 EN 60228
- ✓ Optional : Tinned copper
- ✓ Insulation : Cross linked elastomeric compound Type EI 4 to EN 50363-1
- ✓ Sheath : Cross-linked elastomeric compound Type EM 2 to EN 50363-2-1

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
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**Technical Data**

- ✓ Specification : BS EN 50525-2-21:2011 BS-6500
- ✓ Test voltage : 2kV
- ✓ Conductor resistance : EN 60228
- ✓ Rated voltage (u<sub>0</sub>/u) : 300/500V
- ✓ Max. Operating Temperature : 60°C

Part Number	Number of Cores	Size	Conductor diameter	Thickness of insulation	Thickness of Sheath	Overall diameter		Max conductor resistant at 20°C.	Weight approx.
						Minimum	Maximum		
	Nos.	mm <sup>2</sup>	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0140802	2	0.75	1.14	0.6	0.8	5.7	7.4	26.0	66
A0141002	2	1	1.32	0.6	0.9	6.1	8.0	19.5	78
A0140803	3	0.75	1.14	0.6	0.9	6.2	8.1	26.0	81
A0141003	3	1	1.32	0.6	0.9	6.5	8.5	19.5	92
A0140804	4	0.75	1.14	0.6	0.9	6.8	8.8	26.0	96
A0141004	4	1	1.32	0.6	0.9	7.1	9.3	19.5	110

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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