



**Siechem Annealed Plain Copper Conductor 450/750V Rubber Insulated and Sheathed (H07BN4-F) Multicore Heavy duty cables**

**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 7 as per EN 50363-1
- ✓ Sheath : Cross-linked elastomeric Compound Type EM 7 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 : 450/750V
- ✓ Max. Operating temperature : 90°C

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
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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.
					Single layer	Double layer		Minimum	Maximum		
						Inner layer	Outer layer				
	Nos	mm <sup>2</sup>	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0241306	6	1.5	1.6	0.8	2.6	1.0	14.5	13.4	17.2	13.3	347
A0241307	7	1.5	1.6	0.8	2.6	1.0	1.6	14.7	18.7	13.3	373
A0241312	12	1.5	1.6	0.8	2.9	1.2	1.7	17.6	22.4	13.3	600
A0241318	18	1.5	1.6	0.8	3.2	1.3	1.9	20.7	26.3	13.3	847
A0241324	24	1.5	1.6	0.8	3.5	1.4	2.1	24.3	30.7	13.3	1123
A0241336	36	1.5	1.6	0.8	3.8	1.5	2.3	27.8	35.2	13.3	1530
A0241606	6	2.5	2.0	0.9	2.7	1.1	1.6	15.7	20.0	7.98	473
A0241607	7	2.5	2.0	0.9	2.8	1.1	1.7	17.1	21.8	7.98	510
A0241612	12	2.5	2.0	0.9	3.1	1.2	1.9	20.6	26.2	7.98	838
A0241618	18	2.5	2.0	0.9	3.5	1.4	2.1	24.4	30.9	7.98	1184
A0241624	24	2.5	2.0	0.9	3.9	1.6	2.3	28.8	36.4	7.98	1586
A0241636	36	2.5	2.0	0.9	4.3	1.7	2.6	33.2	41.8	7.98	2190
A0241906	6	4	2.6	1.0	2.9	1.2	1.7	18.2	23.8	7.98	668
A0241907	7	4	2.6	1.0	3.1	1.2	1.9	20.1	25.5	4.95	744
A0241912	12	4	2.6	1.0	3.5	1.4	2.1	24.4	30.9	4.95	1222
A0241918	18	4	2.6	1.0	3.9	1.6	2.3	28.8	36.4	4.95	1726

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	

