



Siechem Annealed Plain Copper Conductor 450/750V Rubber Insulated and Sheathed (H07RN-F) Heavy Duty Cable

Application

- ✓ It is intended for installations with moving equipment electrical appliances and for building sites
- ✓ This can be used in refrigerating installations

Features

- ✓ Excellent flexible
- ✓ Water resistant and flame retardant
- ✓ Oil resistant.

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
- ✓ Sheath : Cross linked elastomeric compound Type EM 2 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 : 450/750 V
- ✓ Max. Operating temperature : 60°C

ISO
9001

ISO
14001

OHSAS
18001



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 layers		Minimum	Maximum		
						Inner layer	Outer layer				
	Nos.	mm ²	mm	mm	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A0161306	6	1.5	1.6	0.8	2.6	1.0	14.5	13.4	17.2	13.3	347
A0161307	7	1.5	1.6	0.8	2.6	1.0	1.6	14.7	18.7	13.3	373
A0161312	12	1.5	1.6	0.8	2.9	1.2	1.7	17.6	22.4	13.3	600
A0161318	18	1.5	1.6	0.8	3.2	1.3	1.9	20.7	26.3	13.3	847
A0161324	24	1.5	1.6	0.8	3.5	1.4	2.1	24.3	30.7	13.3	1123
A0161336	36	1.5	1.6	0.8	3.8	1.5	2.3	27.8	35.2	13.3	1530
A0161606	6	2.5	2.0	0.9	2.7	1.1	1.6	15.7	20.0	7.98	473
A0161607	7	2.5	2.0	0.9	2.8	1.1	1.7	17.1	21.8	7.98	510
A0161612	12	2.5	2.0	0.9	3.1	1.2	1.9	20.6	26.2	7.98	838
A0161618	18	2.5	2.0	0.9	3.5	1.4	2.1	24.4	30.9	7.98	1184
A0161624	24	2.5	2.0	0.9	3.9	1.6	2.3	28.8	36.4	7.98	1586
A0161636	36	2.5	2.0	0.9	4.3	1.7	2.6	33.2	41.8	7.98	2190
A0161906	6	4	2.6	1.0	2.9	1.2	1.7	18.2	23.2	4.95	668
A0161907	7	4	2.6	1.0	3.1	1.2	1.9	20.1	25.5	4.95	744
A0161912	12	4	2.6	1.0	3.5	1.4	2.1	24.4	30.9	4.95	1222
A0161918	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	

