

Siechem Annealed Plain Copper Conductor Rubber Insulated Unsheathed (HO1N2-D) Welding Cable

Application

- ✓ Used as a connection to welding
- ✓ Robots in the automotive industry, shipyards and for manually/automatically operated lines and spot welding
- ✓ Interconnecting battery cable or in battery storage systems
- ✓ Arc welding equipment/electric welding device

Features

- ✓ Flame Retardant according to IEC/EN 60332-1-2
- ✓ Resistant to low and high temperatures
- ✓ Resistant to ozone and radiation,
- ✓ Resistant to oils, acids, fats and petrol

Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 6 flexible cable as per EN 60228
- ✓ Optional : Tinned copper
- ✓ Insulation : EM 5 as per EN 50363-2-2

Technical Data

- ✓ Specification :BS EN 50525-2-81:2011
- ✓ Test voltage : 1000V
- ✓ Conductor resistance : EN 60228
- ✓ Rated voltage :100V
- ✓ Max. Operating temperature : 85°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Part Number	Size	Conductor diameter	Stand dia Max.	Thickness of covering	Overall diameter		Maximum conductor resistance 20°C Ω/km		Weight approx.
					Minimum	Maximum	Tinned Wires	Plain Wires	
	mm ²	mm	mm	mm	mm	mm	Ω/km	Ω/km	Kg/Km
A05427XX	10	5.1	0.21	2.0	7.7	9.7	1.95	1.91	155
A05428XX	16	6.3	0.21	2.0	8.8	11.0	1.24	1.21	215
A05430XX	25	7.8	0.21	2.0	10.1	12.7	0.795	0.780	303
A05432XX	35	9.2	0.21	2.0	11.4	14.2	0.565	0.554	398
A05434XX	50	11.0	0.21	2.2	13.2	16.5	0.393	0.386	550
A05437XX	70	13.1	0.21	2.4	15.3	19.2	0.277	0.272	748
A05438XX	95	15.1	0.21	2.6	17.1	21.4	0.210	0.206	992
A05441XX	120	17.0	0.51	2.8	19.2	24.0	0.164	0.161	1236
A05442XX	150	19.0	0.51	3.0	21.4	26.4	0.132	0.129	1527
A05444XX	185	21.0	0.51	3.2	24.0	28.9	0.108	0.106	1862
A05446XX	240	24.0	0.51	3.4	26.4	32.1	0.0817	0.0801	2376

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	

