



Siechem Annealed Plain Copper Conductor Rubber Insulated Unsheathed (HO1N2-E) welding Cables

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

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 BS-6500
- ✓ Test voltage : 1000 V
- ✓ Conductor resistance : EN 60228
- ✓ Max. Operating temperature : 85°C
- ✓ Rated voltage : 100V

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

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Part Number	Size	Conductor diameter	Strand Dia Max.	Thickness of covering	Overall diameter		Maximum conductor resistance 20°C		Weight approx.
					Minimum	Maximum	Tinned Wires	Plain Wires	
	mm ²	mm	mm	mm	mm	mm	Ω/km	Ω/km	Kg/Km
A05527XX	10	5.1	0.16	1.2	6.2	7.8	1.95	1.91	120
A05528XX	16	6.3	0.16	1.2	7.3	9.1	1.24	1.21	176
A05530XX	25	7.8	0.16	1.2	8.6	10.8	0.795	0.780	258
A05532XX	35	9.2	0.16	1.2	9.8	12.3	0.565	0.554	348
A05534XX	50	11.0	0.16	1.5	11.9	14.8	0.393	0.386	504
A05537XX	70	13.1	0.16	1.5	13.6	17.0	0.277	0.272	681
A05538XX	95	15.1	0.16	1.8	15.6	19.5	0.210	0.206	923
A05541XX	120	17.0	0.21	1.8	17.2	21.6	0.164	0.161	1142
A05542XX	150	19.0	0.21	1.8	18.8	23.5	0.132	0.129	1402
A05544XX	185	21.0	0.21	1.8	20.4	25.5	0.108	0.106	1704
A05546XX	240	24.0	0.21	2.0	23.0	28.0	0.0817	0.0801	2199

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	

