



Siechem Annealed Plain Copper Conductor EVA Insulated and Sheathed Cable (HO5GG-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
- ✓ Insulation : Cross-linked elastomeric Compound Type EI 3 as per EN 50363-1
- ✓ Sheath : Cross-linked elastomeric Compound Type EM 4 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 (u₀/u): 300/500V
- ✓ Max. operating temperature : 110°C

ISO 9001	ISO 14001	AS 9100	ISO 45001
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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.
						Minimum	Maximum		
	Nos	mm ²	mm	mm	mm	mm	mm	Ω/Km	Kg/Km
A0270802	2	0.75	1.14	0.6	0.8	5.7	7.4	26.0	76
A0271002	2	1	1.32	0.6	0.9	6.1	8.0	19.5	89
A0271302	2	1.5	1.6	0.8	1.0	7.6	9.8	13.3	126
A0271602	2	2.5	2.0	0.9	1.1	9.0	11.6	7.98	174
A0270803	3	0.75	1.14	0.6	0.9	6.2	8.1	26.0	92
A0271003	3	1	1.32	0.6	0.9	6.5	8.5	19.5	103
A0271303	3	1.5	1.6	0.8	1.0	8.0	10.4	13.3	148
A0271603	3	2.5	2.0	0.9	1.1	9.6	12.4	7.98	206
A0271903	3	4	2.6	1.0	1.2	11.3	14.5	4.95	286
A0272303	3	6	3.3	1.0	1.4	12.8	16.3	3.30	377
A0270804	4	0.75	1.14	0.6	0.9	6.8	8.8	26.0	109
A0271004	4	1	1.32	0.6	0.9	7.1	9.3	19.5	124
A0271304	4	1.5	1.6	0.8	1.1	9.0	11.6	13.3	183
A0271604	4	2.5	2.0	0.9	1.2	10.7	13.8	7.98	256
A0271904	4	4	2.6	1.0	1.3	12.7	16.2	4.95	356
A0272304	4	6	3.3	1.0	1.5	14.2	18.1	3.30	469
A0270805	5	0.75	1.14	0.6	1.0	7.6	9.9	26.0	132
A0271005	5	1	1.32	0.6	1.0	8.0	10.3	19.5	150
A0271305	5	1.5	1.6	0.8	1.1	9.8	12.7	13.3	215
A0271605	5	2.5	2.0	0.9	1.3	11.9	15.3	7.98	310

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	

