

Siechem ATC Flexible Conductor, Silicone Rubber Insulated and Glass Fibre Braided 300/500 V Rated Cable (H05SJ - K)

Application

- ✓ For wiring at high ambient temperature zones like boiler house, etc.
- ✓ Electric motor industry.
- ✓ Air- Conditioning technology.
- ✓ Furnace construction.
- ✓ Thermal and heating elements.

Product Construction

- ✓ Conductor : Annealed Tinned Flexible Class 5 Copper Conductor as per EN 60228
- ✓ Insulation : Elastomeric Compound Type EI 2 (Silicone Rubber)
- ✓ Colour : As per customer order
- ✓ Outer Braid : Glass Fibre as per EN-50525-1

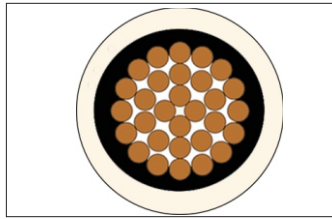
Technical Data

- ✓ Specification : BS EN 50525-2-41 0.5 mm² to 95 mm² - Class 5
- ✓ Test voltage : 2000 V
- ✓ Operating Temperature : -55°C to +180°C
- ✓ Rated Voltage : 300/500V
- ✓ Max. Temperature of Short Circuit : 350° C
- ✓ Min. Insulation Resistance constant at 27°C : 3670 M Ω. km

Features

- ✓ High temperature - resistant.
- ✓ Halogen - free.
- ✓ Cold resistant.
- ✓ Flame retardant.
- ✓ Weather resistant.

2D View



	ISO 9001	ISO 14001	OHSAS 18001	AS 9100
AS 45001		ALSTOM		

Part Number	Size	Conductor Construction No. of Stands x Stand dia Nos x mm (Nom.)	Nominal Insulation Thickness	Overall Diameter		Max. Conductor Resistance at 20°C	Weight (Approx.)
				Lower Limit	Upper Limit		
	mm ²	mm	mm	mm	mm	Ω/km	Kg/Km
A06706XX *	0.5	16 x 0.20	0.6	2.6	3.3	40.1	11
A06708XX	0.75	24 x 0.20	0.6	2.8	3.5	26.7	14
A06710XX	1	32 X 0.20	0.6	2.9	3.7	20.0	17
A06713XX	1.5	30 x 0.25	0.7	3.4	4.2	13.7	24
A06716XX	2.5	50 x 0.25	0.8	4.0	5.0	8.21	35
A06719XX	4	56 x 0.30	0.8	4.5	5.6	5.09	54
A06723XX	6	84 x 0.30	0.8	5.0	6.2	3.39	74
A06727XX	10	126 x 0.40	1.0	6.2	7.8	1.95	118
A06728XX	16	196 x 0.40	1.0	7.3	9.1	1.24	172
A06730XX	25	276 x 0.40	1.2	9.0	11.3	0.795	267
A06732XX	35	396 x 0.40	1.2	10.3	12.8	0.565	355
A06734XX	50	360 x 0.40	1.4	11.7	14.6	0.393	495
A06737XX	70	475 x 0.40	1.4	13.8	17.3	0.277	670
A06738XX	95	608 x 0.40	1.6	15.6	19.6	0.210	890

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	



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