

Siechem Single Core, ATC Conductor, Silicone Insulated Unsheathed H05S-K Type Cable

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 Copper Conductor (opt : plain) according to IEC 60228, Class 5
- ✓ Insulation : Elastomeric Compound Type EI 2 (Silicon Rubber)
- ✓ Colour : Black (or) as per customer order

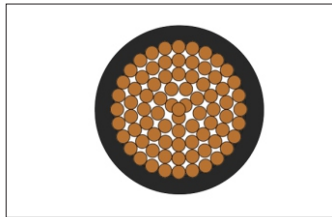
Technical Data

- ✓ Specification : BS EN 50525-2-41 (I) 0.5 mm² to 2.5 mm² - Class 5 (ii) 4 mm² to 240 mm² - Class 5 (generally as per BS EN 50525-2-41)
- ✓ 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	Nominal Cross Section (mm ²)	Conductor Construction No.of Strands x Strand dia Nos x mm (Nom.)	Max Conductor Resistance at 20°C Ω/km	Insulation thickness (Nom.)(mm)	Overall diameter Nom.(mm)	Cable Weight (Kg/Km) approx.
A06306XX*	0.5	16 X 0.20	40.1	0.8	2.7	10
A06308XX	0.75	24 X 0.20	26.7	0.8	2.9	13
A06310XX	1	32 X 0.20	20.0	0.8	3.2	15
A06313XX	1.5	30 X 0.25	13.7	0.9	3.5	21
A06316XX	2.5	50 X 0.25	8.21	1.0	4.2	32
A06319XX	4	56 X 0.30	5.09	1.1	4.9	48
A06323XX	6	84 X 0.30	3.39	1.1	5.4	65
A06327XX	10	80 X 0.40	1.95	1.2	6.7	106
A06328XX	16	126 X 0.40	1.24	1.2	7.6	160
A06330XX	25	196 X 0.40	0.795	1.4	9.3	246
A06332XX	35	276 X 0.40	0.565	1.4	10.6	332
A06334XX	50	396 X 0.40	0.393	1.6	12.4	468
A06337XX	70	360 X 0.50	0.277	1.6	14.2	637
A06338XX	95	475 X 0.50	0.210	1.8	16.0	856
A06341XX	120	608 X 0.50	0.164	1.8	17.8	1080
A06342XX	150	756 X 0.50	0.132	2.0	19.8	1333
A06344XX	185	925 X 0.50	0.108	2.2	21.9	1639
A06346XX	240	1221 X 0.50	0.0817	2.4	24.8	2112

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	

