

Siechem ATC Conductor, Silicone Rubber Insulated and Sheathed 3.6 / 6 kV Rated Type OC 120°C Cable

Application

- ✓ Recommended for high temperature applications in railway vehicles (locomotives, trains, trolley buses)
- ✓ Used as power and control cables for protected installation inside & outside of rolling stock
- ✓ Used in auxiliary & main circuit wiring such as control panels, monitoring control, electric heating, lighting etc.

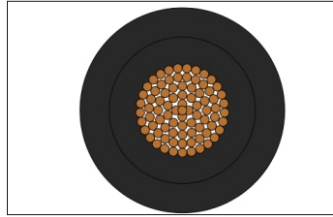
Features

- ✓ Halogen free
- ✓ Flame retardant
- ✓ Oil resistant
- ✓ Low temperature resistant

Product Construction

- ✓ Conductor : Annealed Tinned Class 5 Copper
Conductor as per EN 60228
- ✓ Insulation : EBXL - EI 111 as per EN 50382-1
- ✓ Sheath : EBXL - EM 105 as per EN 50382-2

2D View



Technical Data

- ✓ Specification : BS EN 50382-2:2008
- ✓ Test Voltage : 11 kV
- ✓ Working Voltage : 3.6 / 6 kV
- ✓ Max. Operating Temperature : 120°C
- ✓ Type OC as per BS EN 50382-2
 - O : EI 111 (Insulation Material)
 - C : EM 105 (Sheath Material)

	ISO 9001	ISO 14001	OHSAS 18001	AS 9100
AS 45001		ALSTOM		

Part Number	Size	Conductor Diameter	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter		Max. Conductor Resistance at 20°C	Weight (Approx.)
					Min	Max		
	mm ²	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A11816XXYY*	2.5	1.95	2.6	1.4	9.9	11.6	8.21	156
A11819XXYY	4	2.5	2.6	1.4	10.4	12.2	5.09	180
A11823XXYY	6	3.0	2.6	1.4	10.9	12.8	3.39	210
A11827XXYY	10	3.9	2.6	1.4	11.8	13.8	1.95	270
A11828XXYY	16	5.0	2.6	1.4	12.8	15.0	1.24	346
A11830XXYY	25	6.4	2.9	1.4	14.7	17.2	0.795	473
A11832XXYY	35	7.7	2.9	1.5	15.9	18.6	0.565	588
A11834XXYY	50	9.2	2.9	1.5	17.5	20.5	0.393	771
A11837XXYY	70	11.0	2.9	1.6	19.2	22.4	0.277	987
A11838XXYY	95	12.5	2.9	1.6	20.8	24.3	0.210	1254
A11841XXYY	120	14.2	2.9	1.7	22.4	26.2	0.164	1512
A11842XXYY	150	15.8	2.9	1.8	24.1	28.2	0.132	1825
A11844XXYY	185	17.5	3.2	1.8	26.4	30.9	0.108	2238
A11846XXYY	240	20.1	3.4	1.9	29.4	34.4	0.0187	2833
A11848XXYY	300	22.5	3.4	1.9	31.7	37.1	0.0654	3380
A11849XXYY	400	25.8	3.4	2.0	35.0	40.9	0.0495	4267

Note : XX* & YY* : Please add last two digits in the part number as per the colour code given hereunder replacing XX & YY 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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