

Siechem ATC Conductor, Silicone Rubber Insulated and Sheathed 3.6 / 6 kV Rated Type FF 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 auxillary & main circuit wiring such as control panels, monitoring control, electric heating, lighting etc.

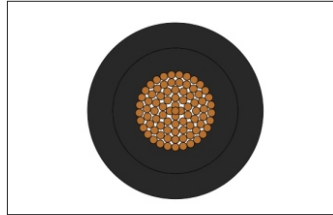
Features

- ✓ Halogen free
- ✓ Flame retardant
- ✓ Oil resistant
- ✓ Low temperature resistant
- ✓ Resistance to ozone, chemical oil and fuel

Product Construction

- ✓ Conductor : Annealed Tinned Class 5 Copper
Conductor as per EN 60228
- ✓ Insulation : EBXL - EI 111 as per BS EN 50382-1
- ✓ Sheath : EBXL - EM 106 as per EN BS EN 50382-1

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 FF as per BS EN 50382 - 2
 - F : EI - 111 (Insulation Material)
 - F : EM - 106 (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
56916XXYY*	2.5	1.95	2.6	1.4	9.9	11.6	8.21	156
56919XXYY	4	2.5	2.6	1.4	10.4	12.2	5.09	180
56923XXYY	6	3.0	2.6	1.4	10.9	12.8	3.39	210
56927XXYY	10	3.9	2.6	1.4	11.8	13.8	1.95	270
56928XXYY	16	5.0	2.6	1.4	12.8	15.0	1.24	346
56930XXYY	25	6.4	2.9	1.4	14.7	17.2	0.795	473
56932XXYY	35	7.7	2.9	1.4	15.9	18.6	0.565	588
56934XXYY	50	9.2	2.9	1.5	17.5	20.5	0.393	771
56937XXYY	70	11.0	2.9	1.5	19.2	22.4	0.277	987
56938XXYY	95	12.5	2.9	1.6	20.8	24.3	0.210	1254
56941XXYY	120	14.2	2.9	1.6	22.4	26.2	0.164	1512
56942XXYY	150	15.8	2.9	1.7	24.1	28.2	0.132	1825
56944XXYY	185	17.5	3.2	1.8	26.4	30.9	0.108	2238
56946XXYY	240	20.1	3.4	1.9	29.4	34.4	0.0817	2833
56948XXYY	300	22.5	3.4	1.9	31.7	37.1	0.0654	3380
56949XXYY	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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