

Siechem ATC Conductor, Silicone Insulated and Sheathed 1.8 / 3 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 auxiliary & main circuit wiring such as control panels, monitoring control, electric heating, lighting etc.

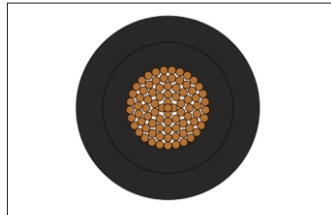
Features

- ✓ 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 BS EN 50382-1

2D View



Technical Data

- ✓ Specification : BS EN 50382-2:2008
- ✓ Test Voltage : 6.5 kV
- ✓ Maximum Operating Temperature : 120°C
- ✓ Working Voltage : 1.8 / 3 kV
- ✓ 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
56613XXYY *	1.5	1.5	1.3	1.4	6.8	7.9	13.7	82
56616XXYY	2.5	1.95	1.3	1.4	7.2	8.4	8.21	97
56619XXYY	4	2.5	1.3	1.4	7.7	9.0	5.09	118
56623XXYY	6	3.0	1.3	1.4	8.2	9.6	3.39	144
56627XXYY	10	3.9	1.5	1.4	9.4	11.0	1.95	208
56628XXYY	16	5.0	1.5	1.4	10.5	12.2	1.24	278
56630XXYY	25	6.4	1.8	1.4	12.3	14.4	0.795	396
56632XXYY	35	7.7	1.8	1.4	13.6	15.9	0.565	504
56634XXYY	50	9.2	1.8	1.4	15.0	17.5	0.393	661
56637XXYY	70	11.0	1.8	1.5	16.8	19.7	0.277	884
56638XXYY	95	12.5	2.2	1.5	19.0	22.2	0.210	1171
56641XXYY	120	14.2	2.2	1.6	20.8	24.3	0.164	1433
56642XXYY	150	15.8	2.2	1.6	22.3	26.1	0.132	1729
56644XXYY	185	17.5	2.4	1.7	24.5	28.6	0.108	2119
56646XXYY	240	20.1	2.4	1.8	27.1	31.7	0.0817	2672
56648XXYY	300	22.5	2.4	1.9	29.5	34.6	0.0654	3229
56649XXYY	400	25.8	2.6	2.0	33.2	38.9	0.0495	4144

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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