

Siechem ATC Conductor, Silicone Insulated Unsheathed 1.8 / 3 kV Rated Type F 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.

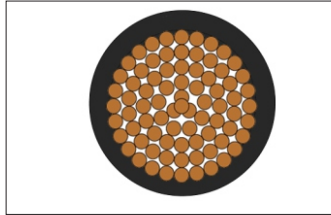
Features

- ✓ 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
- ✓ Colour : As per customer order

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 F as per BS EN 50382-2
F : EI - 111 (Insulation Material)

	ISO 9001	ISO 14001	OHSAS 18001	AS 9100
AS 45001		ALSTOM		

Part Number	Size	Conductor Diameter	Nominal Insulation Thickness	Overall Diameter		Max. Conductor Resistance at 20°C	Weight (Approx.)
				Min	Max		
	mm ²	mm	mm	mm	mm	Ω/km	Kg/Km
56513XX*	1.5	1.5	2.5	6.3	7.3	13.7	71
56516XX	2.5	1.95	2.5	6.7	7.8	8.21	86
56519XX	4	2.5	2.5	7.2	8.4	5.09	106
56523XX	6	3.0	2.5	7.7	9.0	3.39	131
56527XX	10	3.9	2.5	8.5	10.0	1.95	178
56528XX	16	5.0	2.5	9.6	11.2	1.24	245
56530XX	25	6.4	2.5	10.9	12.7	0.795	340
56532XX	35	7.7	2.5	12.1	14.1	0.565	444
56534XX	50	9.2	2.5	13.5	15.8	0.393	594
56537XX	70	11.0	2.5	15.2	17.8	0.277	792
56538XX	95	12.5	2.7	17.0	19.9	0.210	1058
56541XX	120	14.2	2.7	18.6	21.7	0.164	1300
56542XX	150	15.8	2.7	20.1	23.5	0.132	1585
56544XX	185	17.5	2.7	21.7	25.4	0.108	1915
56546XX	240	20.1	2.7	24.1	28.2	0.0817	2432
56548XX	300	22.5	2.7	26.4	30.9	0.0654	2967
56549XX	400	25.8	2.9	29.9	34.9	0.0495	3864

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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