

Siechem APC Conductor, Silicone Insulation and Sheathed 1.8 / 3 kV Type FF 150°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.

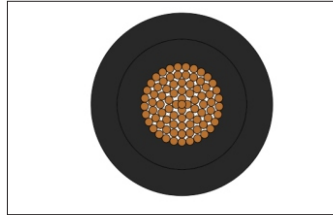
Features

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

Product Construction

- ✓ Conductor : Annealed Plain Class 5 Copper
Conductor as per EN 60228
- ✓ Insulation : EBXL - EI 111 as per BS EN 50382-1
- ✓ Sheath : EBXL - EM 107 as per BS EN 50382-1

2D View



Technical Data

- ✓ Specification : BS EN 50382-2:2008
- ✓ Test Voltage : 2 kV
- ✓ Maximum Operating Temperature : 150°C
- ✓ Working Voltage : 1.8 / 3 kV
- ✓ Type FF as per BS EN 50382-2
- F : EI - 111 (Insulation Material)
- F : EM - 107 (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
A10813XXYY*	1.5	1.5	1.3	1.4	6.8	7.9	13.3	82
A10816XXYY	2.5	1.95	1.3	1.4	7.2	8.4	7.98	97
A10819XXYY	4	2.5	1.3	1.4	7.7	9.0	4.95	118
A10823XXYY	6	3.0	1.3	1.4	8.2	9.6	3.30	144
A10827XXYY	10	3.9	1.5	1.4	9.4	11.0	1.91	208
A10828XXYY	16	5.0	1.5	1.4	10.5	12.2	1.21	278
A10830XXYY	25	6.4	1.8	1.4	12.3	14.4	0.780	396
A10832XXYY	35	7.7	1.8	1.4	13.6	15.9	0.554	504
A10834XXYY	50	9.2	1.8	1.4	15.0	17.5	0.386	661
A10837XXYY	70	11.0	1.8	1.5	16.8	19.7	0.272	884
A10838XXYY	95	12.5	2.2	1.5	19.0	22.2	0.206	1171
A10841XXYY	120	14.2	2.2	1.6	20.8	24.3	0.161	1433
A10842XXYY	150	15.8	2.2	1.6	22.3	26.1	0.129	1729
A10844XXYY	185	17.5	2.4	1.7	24.5	28.6	0.0106	2119
A10846XXYY	240	20.1	2.4	1.8	27.1	31.7	0.0801	2672
A10848XXYY	300	22.5	2.4	1.9	29.5	34.6	0.0641	3229
A10849XXYY	400	25.8	2.6	2.0	33.2	38.9	0.0486	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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