

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

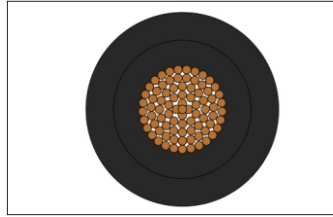
Features

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

Product Construction

- ✓ Conductor : Annealed Plain Class 5 Copper
Conductor as per EN 60228
- ✓ Insulation : EBXL - EI 112 as per EN 50382-1
- ✓ Sheath : EBXL - EM 107 as per EN 50382-1

2D View



Technical Data

- ✓ Specification : BS EN 50382-2:2008
- ✓ Test Voltage : 6.5 kV
- ✓ Maximum Operating Temperature : 150°C
- ✓ Working Voltage : 1.8 / 3 kV
- ✓ Type OF as per BS EN 50382-2
 - O : EI - 112 (Insulation Material)
 - F : EM - 107 (Sheath Material)

	ISO 9001	ISO 14001	OHSAS 18001	AS 9100
AS 45001				

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
A11013XXYY*	1.5	1.5	1.3	1.4	6.8	7.9	13.3	82
A11016XXYY	2.5	1.95	1.3	1.4	7.2	8.4	7.98	97
A11019XXYY	4	2.5	1.3	1.4	7.7	9.0	4.95	118
A11023XXYY	6	3.0	1.3	1.4	8.2	9.6	3.30	144
A11027XXYY	10	3.9	1.5	1.4	9.4	11.0	1.91	208
A11028XXYY	16	5.0	1.5	1.4	10.5	12.2	1.21	278
A11030XXYY	25	6.4	1.8	1.4	12.3	14.4	0.780	396
A11032XXYY	35	7.7	1.8	1.4	13.6	15.9	0.554	504
A11034XXYY	50	9.2	1.8	1.4	15.0	17.5	0.386	661
A11037XXYY	70	11.0	1.8	1.5	16.8	19.7	0.272	884
A11038XXYY	95	12.5	2.2	1.5	19.0	22.2	0.206	1171
A11041XXYY	120	14.2	2.2	1.6	20.8	24.3	0.161	1433
A11042XXYY	150	15.8	2.2	1.6	22.3	26.1	0.129	1729
A11044XXYY	185	17.5	2.4	1.7	24.5	28.6	0.106	2119
A11046XXYY	240	20.1	2.4	1.8	27.1	31.7	0.0801	2672
A11048XXYY	300	22.5	2.4	1.9	29.5	34.6	0.0641	3229
A11049XXYY	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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