

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

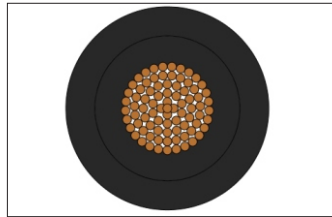
**Features**

- ✓ 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 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 : 11 kV
- ✓ Working Voltage : 3.6 / 6 kV
- ✓ Max. Operating Temperature : 150°C
- ✓ Type OF as per BS EN 50382-2  
O : EI 112 (Insulation Material)  
F : EM 107 (Sheath Material)

	<b>ISO 9001</b>	<b>ISO 14001</b>	<b>OHSAS 18001</b>	<b>AS 9100</b>
<b>AS 45001</b>				

Part Number	Size	Conductor Diameter	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter		Max. Conductor Resistance at 20°C	Weight (Approx.)
					Min	Max		
	mm <sup>2</sup>	mm	mm	mm	mm	mm	Ω/km	Kg/Km
A11516XXYY*	2.5	1.95	2.6	1.4	9.9	11.6	7.98	156
A11519XXYY	4	2.5	2.6	1.4	10.4	12.2	4.95	180
A11523XXYY	6	3.0	2.6	1.4	10.9	12.8	3.30	210
A11527XXYY	10	3.9	2.6	1.4	11.8	13.8	1.91	270
A11528XXYY	16	5.0	2.6	1.4	12.8	15.0	1.21	346
A11530XXYY	25	6.4	2.9	1.4	14.7	17.2	0.780	473
A11532XXYY	35	7.7	2.9	1.4	15.9	18.6	0.554	588
A11534XXYY	50	9.2	2.9	1.5	17.5	20.5	0.386	771
A11537XXYY	70	11.0	2.9	1.5	19.2	22.4	0.272	987
A11538XXYY	95	12.5	2.9	1.6	20.8	24.3	0.206	1254
A11541XXYY	120	14.2	2.9	1.6	22.4	26.2	0.161	1512
A11542XXYY	150	15.8	2.9	1.7	24.1	28.2	0.129	1825
A11544XXYY	185	17.5	3.2	1.8	26.4	30.9	0.106	2238
A11546XXYY	240	20.1	3.4	1.9	29.4	34.4	0.0801	2833
A11548XXYY	300	22.5	3.4	1.9	31.7	37.1	0.0641	3380
A11549XXYY	400	25.8	3.4	2.0	35.0	40.9	0.0486	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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