

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

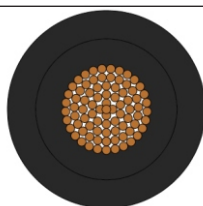
Features

- ✓ 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 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 : 11 kV
 - ✓ Working Voltage : 3.6 / 6 kV
 - ✓ Max. Operating Temperature : 150°C
 - ✓ 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
A11216XXYY*	2.5	1.95	2.6	1.4	9.9	11.6	7.98	156
A11219XXYY	4	2.5	2.6	1.4	10.4	12.2	4.95	180
A11223XXYY	6	3.0	2.6	1.4	10.9	12.8	3.30	210
A11227XXYY	10	3.9	2.6	1.4	11.8	13.8	1.91	270
A11228XXYY	16	5.0	2.6	1.4	12.8	15.0	1.21	346
A11230XXYY	25	6.4	2.9	1.4	14.7	17.2	0.780	473
A11232XXYY	35	7.7	2.9	1.4	15.9	18.6	0.554	588
A11234XXYY	50	9.2	2.9	1.5	17.5	20.5	0.386	771
A11237XXYY	70	11.0	2.9	1.5	19.2	22.4	0.272	987
A11238XXYY	95	12.5	2.9	1.6	20.8	24.3	0.206	1254
A11241XXYY	120	14.2	2.9	1.6	22.4	26.2	0.161	1512
A11242XXYY	150	15.8	2.9	1.7	24.1	28.2	0.129	1825
A11244XXYY	185	17.5	3.2	1.8	26.4	30.9	0.106	2238
A11246XXYY	240	20.1	3.4	1.9	29.4	34.4	0.0801	2833
A11248XXYY	300	22.5	3.4	1.9	31.7	37.1	0.0641	3380
A11249XXYY	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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