



Siechem APC Conductor, Silicone Insulation Unsheathed 1.8 / 3 kV Rated Type F 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.

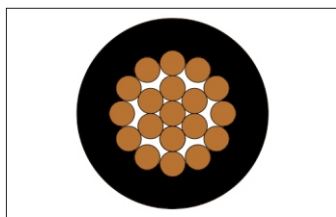
Features

- ✓ 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
- ✓ Separator (Optional)
- ✓ Insulation : EBXL - EI 111 as per BS 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 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
A10713XX *	1.5	1.5	2.5	6.3	7.3	13.3	71
A10716XX	2.5	1.95	2.5	6.7	7.8	7.98	86
A10719XX	4	2.5	2.5	7.2	8.4	4.95	106
A10723XX	6	3.0	2.5	7.7	9.0	3.30	131
A10727XX	10	3.9	2.5	8.5	10.0	1.91	178
A10728XX	16	5.0	2.5	9.6	11.2	1.21	245
A10730XX	25	6.4	2.5	10.9	12.7	0.780	340
A10732XX	35	7.7	2.5	12.1	14.1	0.554	444
A10734XX	50	9.2	2.5	13.5	15.8	0.386	594
A10737XX	70	11.0	2.5	15.2	17.8	0.272	792
A10738XX	95	12.5	2.7	17.0	19.9	0.206	1058
A10741XX	120	14.2	2.7	18.6	21.7	0.161	1300
A10742XX	150	15.8	2.7	20.1	23.5	0.129	1585
A10744XX	185	17.5	2.7	21.7	25.4	0.0106	1915
A10746XX	240	20.1	2.7	24.1	28.2	0.0801	2432
A10748XX	300	22.5	2.7	26.4	30.9	0.0641	2967
A10749XX	400	25.8	2.9	29.9	34.9	0.0486	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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