



Siechem ATC Conductor, Silicone Rubber Insulated Unsheathed 3.6 / 6 kV Rated Type FXZ 120°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.

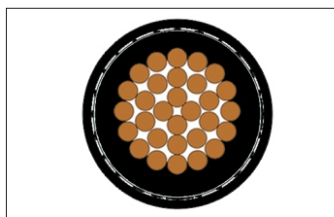
Features

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

Product Construction

- ✓ Conductor : Annealed Tinned Class 6 Copper
Conductor as per EN 60228
- ✓ Separator Tape (optional)
- ✓ Insulation : EBXL - EI 111 as per BS EN 50382-1
- ✓ Braiding : Synthetic Reinforcing Braid within the Insulation

2D View



Technical Data

- ✓ Specification : BS EN 50382-2:2008
- ✓ Test Voltage : 11 kV
- ✓ Working Voltage : 3.6 / 6 kV
- ✓ Max. Operating Temperature : 120°C
- ✓ Type FXZ as per BS EN 50382-2
 - F : EI 111 (Insulation Material)
 - X : Class 6 Conductor
 - Z : Synthetic Reinforcing Braid

	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
59834XX*	50	9.2	3.0	15.2	18.6	0.393	596
59837XX	70	11.0	3.0	16.9	20.6	0.277	785
59838XX	95	12.5	3.0	18.3	22.2	0.210	1012
59841XX	120	14.2	3.1	20.1	24.3	0.164	1260
59842XX	150	15.8	3.1	21.6	26.1	0.132	1519
59844XX	185	17.5	3.2	23.4	28.2	0.108	1840

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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