



## Siechem BS EN 50264-3-1 Single Core, 1800/3000V AC, EBXL 90°C Rolling Stock Cable

### Application

- ✓ For mechanically protected installation in Rail / Bus and other transport vehicles.
- ✓ Cables are used in Driver desks, Control panels, wiring harness in inside/outside the moving vehicles.

### Features

- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding Flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Resistance to oil, fuel, ozone and weathering.
- ✓ Easy to strip
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.

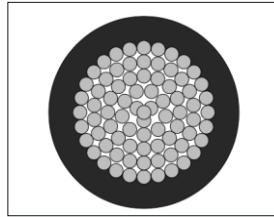
### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5.
- ✓ Insulation : EBXL - EI 109
- ✓ Colour : Black or as per customer order

### Technical Data

- ✓ Temperature Range : -40°C to +90°C.
  - ✓ Rated Voltage : 1800/3000V AC
  - ✓ Specification : BS EN 50264-3-1
  - ✓ Hazard Level Classification as per EN 45545-2, HL3
- Conductor : BS EN 60228, Class 5  
 In addition to BS EN 50264 spec, cables also meet fire performance tests as per  
 UNI CEI 11170-3  
 DIN 5510-2  
 NF F 16-101  
 CEN /TS 45545

### 2D View



		<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>
		<b>ALSTOM</b>			<b>CE</b>



Part Number	Cross Section (mm <sup>2</sup> )	Conductor Construction No. of Strands x Strand dia. (Nos x mm)	Conductor Diameter (mm) (Nom)	Max. Conductor Resistance at 20°C Ω/km	Insulation Thickness (mm) (Nom)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
						(Min)	(Max)	
56013XX*	1.5	30 x 0.25	1.5	13.7	2.0	5.3	6.2	52
56016XX	2.5	50 x 0.25	1.95	8.21	2.0	5.7	6.7	65
56019XX	4	56 x 0.30	2.5	5.09	2.0	6.2	7.3	80
56023XX	6	84 x 0.30	3.0	3.39	2.0	6.7	7.8	105
56027XX	10	80 x 0.40	3.9	1.95	2.0	7.5	8.8	150
56028XX	16	126 x 0.40	5.0	1.24	2.0	8.6	10.0	210
56030XX	25	196 x 0.40	6.4	0.795	2.0	9.9	11.6	300
56032XX	35	276 x 0.40	7.7	0.565	2.0	11.1	13.0	390
56034XX	50	396 x 0.40	9.2	0.393	2.0	12.5	14.6	525
56037XX	70	360 x 0.50	11.0	0.277	2.0	14.2	16.6	720
56038XX	95	475 x 0.50	12.5	0.210	2.2	16.0	18.7	955
56041XX	120	608 x 0.50	14.2	0.164	2.2	17.6	20.6	1190
56042XX	150	756 x 0.50	15.8	0.132	2.2	19.1	22.3	1440
56044XX	185	925 x 0.50	17.5	0.108	2.4	20.9	24.4	1775
56046XX	240	1221 x 0.50	20.1	0.0817	2.4	23.7	27.5	2260
56048XX	300	1525 x 0.50	22.5	0.0654	2.4	25.6	30.1	2940
56049XX	400	2013 x 0.50	25.8	0.0495	2.6	29.2	34.2	3885

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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