



## Siechem BS EN 50264-3-1 Single Core, 600/1000V 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.

### Product Construction

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

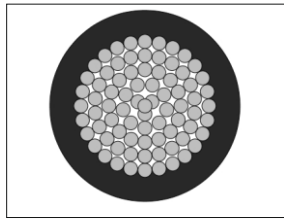
### Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 600/1000V 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

### 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.

### 2D View



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

Siechem EN 50264-3-1 600 V 50 M

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)	
55910XX*	1	32 x 0.20	1.25	20.0	0.6	2.4	2.8	15
55913XX	1.5	30 x 0.25	1.5	13.7	0.7	2.8	3.3	20
55916XX	2.5	50 x 0.25	1.95	8.21	0.7	3.2	3.8	30
55919XX	4	56 x 0.30	2.5	5.09	0.7	3.8	4.4	45
55923XX	6	84 x 0.30	3.0	3.39	0.7	4.2	5.0	65
55927XX	10	80 x 0.40	3.9	1.95	0.7	5.1	5.9	105
55928XX	16	126 x 0.40	5.0	1.24	0.7	6.1	7.2	155
55930XX	25	196 x 0.40	6.4	0.795	0.9	7.8	9.1	250
55932XX	35	276 x 0.40	7.7	0.565	0.9	9.0	10.6	330
55934XX	50	396 x 0.40	9.2	0.393	1.0	10.6	12.4	465
55937XX	70	360 x 0.50	11.0	0.277	1.1	12.5	14.6	635
55938XX	95	475 x 0.50	12.5	0.210	1.1	13.9	16.3	870
55941XX	120	608 x 0.50	14.2	0.164	1.2	15.7	18.4	1090
55942XX	150	756 x 0.50	15.8	0.132	1.4	17.6	20.6	1365
55944XX	185	925 x 0.50	17.5	0.108	1.6	19.6	22.9	1780
55946XX	240	1221 x 0.50	20.1	0.0817	1.7	22.2	26.0	2165
55948XX	300	1525 x 0.50	22.5	0.0654	1.8	24.6	28.8	2850
55949XX	400	2013 x 0.50	25.8	0.0495	2.0	28.1	32.9	3800
C20308XX	0.75	24 x 0.20	1.10	26.7	0.6	2.2	2.6	14

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	

Note : \*C203 - 0.75 Sq.mm is not a standard size as per EN 50264-3-1



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