



## Siechem BS EN 50264-3-2 Multi Core, Screened 300/500 V 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.

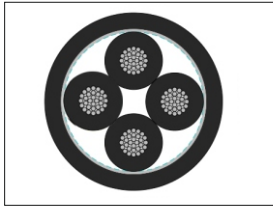
### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5.
- ✓ Insulation : EBXL - EI 109
- ✓ Screen : Tinned Copper Braid
- ✓ Separator Tape
- ✓ Outer Sheath : EBXL - EM 104
- ✓ Colour : Black or as per customer order

### Technical Data

- ✓ Temperature Range : -40°C to +90°C.
  - ✓ Rated Voltage : 300/500V AC
  - ✓ Specification : BS EN 50264-3-2 : 2008, Table 2
  - ✓ 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



Part Number	No. of cores x Cross Section (Nos) x (mm <sup>2</sup> )	Conductor Diameter (mm)	Max. Conductor Resistance at 20°C (Ω/km)	Insulation Thickness (mm) (Nom)	Max. Core Diameter (mm)	Max. Wire Diameter of Screen (mm)	Outer sheath Thickness (mm) (Nom)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
								(Min)	(Max)	
5871002	2 X 1	1.25	20.0	0.4	2.4	0.16	0.6	6.0	7.1	83
5871004	4 X 1	1.25	20.0	0.4	2.4	0.16	0.7	7.0	8.2	115
5871007	7 X 1	1.25	20.0	0.4	2.4	0.16	0.7	8.2	9.6	165
5871009	9 X 1	1.25	20.0	0.4	2.4	0.21	0.8	10.2	11.9	235
5871012	12 X 1	1.25	20.0	0.4	2.4	0.21	0.8	10.9	12.7	275
5871019	19 X 1	1.25	20.0	0.4	2.4	0.26	1.0	13.2	15.4	420
5871024	24 X 1	1.25	20.0	0.4	2.4	0.26	1.0	15.2	17.8	525
5871032	32 X 1	1.25	20.0	0.4	2.4	0.26	1.0	16.6	19.4	650
5871037	37 X 1	1.25	20.0	0.4	2.4	0.26	1.0	17.2	20.1	720
5871040	40 X 1	1.25	20.0	0.4	2.4	0.26	1.2	18.2	21.3	790
5871304	4 X 1.5	1.5	13.7	0.5	2.9	0.16	0.7	8.0	9.4	155
5871307	7 X 1.5	1.5	13.7	0.5	2.9	0.21	0.7	9.6	11.3	235
5871309	9 X 1.5	1.5	13.7	0.5	2.9	0.21	1.0	12.1	14.2	325
5871312	12 X 1.5	1.5	13.7	0.5	2.9	0.21	1.0	13.0	15.2	390
5871319	19 X 1.5	1.5	13.7	0.5	2.9	0.26	1.0	15.3	17.9	575
5871324	24 X 1.5	1.5	13.7	0.5	2.9	0.26	1.2	18.1	21.2	740
5871332	32 X 1.5	1.5	13.7	0.5	2.9	0.26	1.2	19.8	23.2	920
5871337	37 X 1.5	1.5	13.7	0.5	2.9	0.26	1.2	20.5	24.0	1025
5871604	4 X 2.5	1.95	8.21	0.5	3.4	0.21	0.7	9.2	10.8	215
5871607	7 X 2.5	1.95	8.21	0.5	3.4	0.21	0.8	11.1	13.0	325
5871609	9 X 2.5	1.95	8.21	0.5	3.4	0.26	1.0	13.9	16.3	460
5871612	12 X 2.5	1.95	8.21	0.5	3.4	0.26	1.0	15.0	17.5	555
5871619	19 X 2.5	1.95	8.21	0.5	3.4	0.26	1.2	17.8	20.8	815
5871624	24 X 2.5	1.95	8.21	0.5	3.4	0.26	1.2	20.6	24.1	1025

