



## Siechem BS EN 50306-4 3E Multi Core, Screened, 300V AC, 450V DC, EBXL 90°C Rolling Stock Cable

### Application

- ✓ For mechanically exposed 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.

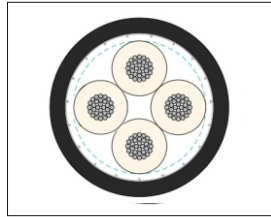
### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, (Unilay\*)
- ✓ Insulation : Cross Linked Ethylene Copolymer
- ✓ Screen : Tinned Copper Braid
- ✓ Separator Tape
- ✓ Outersheath : EBXL - EM 104  
Black colour or as per customer order.

### Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 300V AC 450V DC
- ✓ Specification : BS EN 50306-4 : 2020, Table 3 Class E
- ✓ Hazard Level Classification as per EN 45545-2, HL3  
Conductor : BS EN 50306-2 : 2020  
In addition to BS EN 50306 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



Siechem EN 50306-4 3E 300V 4X 1.5 MM S 90



Part Number	No. of cores x Cross Section (Nos) x (mm <sup>2</sup> )	Conductor Construction No. of Strands x Strand dia. (Nos x mm)	Max. Conductor Resistance at 20°C (Ω/km)	Max. Core Diameter (mm)	Min. Sheath Thickness (mm)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
						(Min)	(Max)	
R5560602	2 X 0.5	19 X 0.18	40.1	1.45	1.0	5.5	6.5	55
R5560603	3 X 0.5	19 X 0.18	40.1	1.45	1.0	5.7	6.7	60
R5560604	4 X 0.5	19 X 0.18	40.1	1.45	1.0	6.1	7.1	74
R5560606	6 X 0.5	19 X 0.18	40.1	1.45	1.0	6.9	7.9	95
R5560608	8 X 0.5	19 X 0.18	40.1	1.45	1.0	7.5	8.5	112
R5560802	2 X 0.75	37 X 0.16	26.7	1.65	1.0	5.9	6.9	65
R5560803	3 X 0.75	37 X 0.16	26.7	1.65	1.0	6.2	7.2	75
R5560804	4 X 0.75	37 X 0.16	26.7	1.65	1.0	6.5	7.5	90
R5560806	6 X 0.75	37 X 0.16	26.7	1.65	1.0	7.5	8.5	118
R5560808	8 X 0.75	37 X 0.16	26.7	1.65	1.0	8.2	9.2	140
R5561002	2 X 1	37 X 0.18	20.0	1.80	1.0	6.2	7.2	73
R5561003	3 X 1	37 X 0.18	20.0	1.80	1.0	6.5	7.5	85
R5561004	4 X 1	37 X 0.18	20.0	1.80	1.0	6.9	7.9	103
R5561006	6 X 1	37 X 0.18	20.0	1.80	1.0	8.0	9.0	137
R5561008	8 X 1	37 X 0.18	20.0	1.80	1.0	8.6	9.8	162
R5561302	2 X 1.5	37 X 0.23	13.7	2.30	1.0	7.1	8.1	76
R5561303	3 X 1.5	37 X 0.23	13.7	2.30	1.0	7.4	8.4	92
R5561304	4 X 1.5	37 X 0.23	13.7	2.30	1.0	8.0	9.0	138
R5561306	6 X 1.5	37 X 0.23	13.7	2.30	1.0	9.2	10.4	180
R5561308	8 X 1.5	37 X 0.23	13.7	2.30	1.0	10.2	11.4	224
R5561602	2 X 2.5	37 X 0.30	8.21	2.85	1.0	8.3	9.3	136
R5561603	3 X 2.5	37 X 0.30	8.21	2.85	1.0	8.6	10.2	163
R5561604	4 X 2.5	37 X 0.30	8.21	2.85	1.0	9.4	10.6	197



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