



## Siechem TW/T EMC Multi Core, Screened, 600/1000V AC, 900/1500 V DC, EBXL 120°C Rolling Stock Cable

### Application

- ✓ For carriage wiring, terminal boxes, control panels, wiring harness in inside/outside the moving vehicle.
- ✓ For Rail/Bus and other transport vehicles.
- ✓ For switch gears and control gear manufacturing.

### Features

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

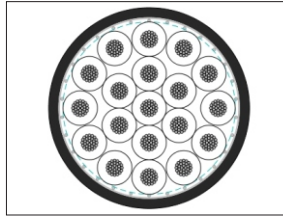
### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Flexible . (Unilay\*)
- ✓ Insulation : EBXL - LSZH (Code M)
- ✓ Screen : Tinned Copper Braid-S
- ✓ Separator Tape
- ✓ Outersheath : EBXL - LSZH (EM 104) (Code M) Black colour or as per customer order.

### Technical Data

- ✓ Temperature Range : -50°C to +120°C.
- ✓ Rated Voltage : 600/1000V AC 900/1500V DC
- ✓ Test voltage : 2 kV AC for 5 min.
- ✓ Specification : Generally as per BS EN 50306 & BS EN 50264 In addition to BS EN 50306 spec, cables also meet fire performance tests as per EN 45545 - 2 HL3 BS 6853 DIN 5510-2 NF F 16-101.

### 2D View



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)	Nom. Core dia (mm)	Nom. Outer diameter (mm)	Cable Weight (kg/km) approx.
5740602	2 X 0.5	19 X 0.18	40.1	1.42	4.8 ± 0.3	40
5740603	3 X 0.5	19 X 0.18	40.1	1.42	5.3 ± 0.3	50
5740604	4 X 0.5	19 X 0.18	40.1	1.42	5.4 ± 0.3	58
5740605	5 X 0.5	19 X 0.18	40.1	1.42	6.2 ± 0.3	71
5740606	6 X 0.5	19 X 0.18	40.1	1.42	6.5 ± 0.3	80
5740609	9 X 0.5	19 X 0.18	40.1	1.42	7.9 ± 0.3	110
5740612	12 X 0.5	19 X 0.18	40.1	1.42	8.1 ± 0.3	126
5740615	15 X 0.5	19 X 0.18	40.1	1.42	9.0 ± 0.3	165
5740616	16 X 0.5	19 X 0.18	40.1	1.42	9.1 ± 0.3	172
5740624	24 X 0.5	19 X 0.18	40.1	1.42	11.3 ± 0.4	250
5740625	25 X 0.5	19 X 0.18	40.1	1.42	11.3 ± 0.4	254
5740636	36 X 0.5	19 X 0.18	40.1	1.42	13.3 ± 0.4	372
5740642	42 X 0.5	19 X 0.18	40.1	1.42	14.3 ± 0.4	410
A5740602P	2 X 2 X 0.5	19 X 0.18	40.1	1.42	7.2 ± 0.3	88
A5740603P	3 X 2 X 0.5	19 X 0.18	40.1	1.42	8.1 ± 0.3	98
A5740604P	4 X 2 X 0.5	19 X 0.18	40.1	1.42	9.3 ± 0.3	132
A5740612P	12 X 2 X 0.5	19 X 0.18	40.1	1.42	13.0 ± 0.4	270
5740802	2 X 0.75	19 X 0.23	26.7	1.62	5.0 ± 0.3	48
5740803	3 X 0.75	19 X 0.23	26.7	1.62	5.4 ± 0.3	60
5740804	4 X 0.75	19 X 0.23	26.7	1.62	6.0 ± 0.3	70
5740805	5 X 0.75	19 X 0.23	26.7	1.62	6.7 ± 0.3	92
5740806	6 X 0.75	19 X 0.23	26.7	1.62	7.2 ± 0.3	103
5740807	7 X 0.75	19 X 0.23	26.7	1.62	8.0 ± 0.3	130
5740808	8 X 0.75	19 X 0.23	26.7	1.62	8.4 ± 0.3	140
5740810	10 X 0.75	19 X 0.23	26.7	1.62	8.7 ± 0.3	152
5740812	12 X 0.75	19 X 0.23	26.7	1.62	9.0 ± 0.3	167
5740816	16 X 0.75	19 X 0.23	26.7	1.62	10.5 ± 0.4	230
5740824	24 X 0.75	19 X 0.23	26.7	1.62	12.8 ± 0.4	335



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5740837	37 X 0.75	19 X 0.23	26.7	1.62	15.7 ± 0.5	510
A5740802P	2 X 2 X 0.75	19 X 0.23	26.7	1.62	8.2 ± 0.3	106
A5740803P	3 X 2 X 0.75	19 X 0.23	26.7	1.62	9.0 ± 0.3	127
A5740806P	6 X 2 X 0.75	19 X 0.23	26.7	1.62	12.8 ± 0.4	250
5741002	2 X 1	19 X 0.26	20.0	1.77	5.6 ± 0.3	60
5741004	4 X 1	19 X 0.26	20.0	1.77	6.5 ± 0.3	88
5741005	5 X 1	19 X 0.26	20.0	1.77	7.0 ± 0.3	100
5741006	6 X 1	19 X 0.26	20.0	1.77	7.8 ± 0.3	128
5741008	8 X 1	19 X 0.26	20.0	1.77	8.9 ± 0.3	171
5741009	9 X 1	19 X 0.26	20.0	1.77	9.5 ± 0.3	190
5741012	12 X 1	19 X 0.26	20.0	1.77	10.5 ± 0.3	230
5741022	22 X 1	19 X 0.26	20.0	1.77	14.0 ± 0.4	390
5741037	37 X 1	19 X 0.26	20.0	1.77	16.7 ± 0.5	620
A5741002P	2 X 2 X 1	19 X 0.26	20.0	1.77	8.8 ± 0.3	120
5741003Q	3 X 4 X 1	19 X 0.26	20.0	1.77	12.4 ± 0.4	290
5741302	2 X 1.5	19 X 0.31	13.7	2.17	6.5 ± 0.3	85
5741303	3 X 1.5	19 X 0.31	13.7	2.17	6.8 ± 0.3	95
5741304	4 X 1.5	19 X 0.31	13.7	2.17	7.4 ± 0.3	120
5741305	5 X 1.5	19 X 0.31	13.7	2.17	8.3 ± 0.3	143
5741306	6 X 1.5	19 X 0.31	13.7	2.17	9.0 ± 0.3	168
5741309	9 X 1.5	19 X 0.31	13.7	2.17	11.6 ± 0.4	270
5741312	12 X 1.5	19 X 0.31	13.7	2.17	12.1 ± 0.4	317
5741318	18 X 1.5	19 X 0.31	13.7	2.17	14.4 ± 0.4	452
5741342	42 X 1.5	19 X 0.31	13.7	2.17	21.2 ± 0.5	990
5741602	2 X 2.5	19 X 0.40	8.21	2.75	7.8 ± 0.3	123
5741603	3 X 2.5	19 X 0.40	8.21	2.75	8.2 ± 0.3	142
5741603G	3G X 2.5	19 X 0.40	8.21	2.75	8.2 ± 0.3	142
5741604	4 X 2.5	19 X 0.40	8.21	2.75	9.1 ± 0.3	181
5741605	5 X 2.5	19 X 0.40	8.21	2.75	10.3 ± 0.4	226
5741610	10 X 2.5	19 X 0.40	8.21	2.75	14.2 ± 0.4	430
5741616	16 X 2.5	19 X 0.40	8.21	2.75	17.1 ± 0.5	625
5741630	30 X 2.5	19 X 0.40	8.21	2.75	22.5 ± 0.5	1140



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