



## Siechem TW/T Multi Core, 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.

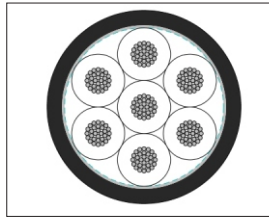
### Product Construction

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

### Technical Data

- ✓ Temperature Range : -40°C to +120°C.
- ✓ Rated Voltage : 600/1000V AC 900/1500V DC
- ✓ Test voltage : 2 kV AC for 5 min.
- ✓ Specification : Generally to BS EN 50306-2 & 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.
5730304	4 X 0.25	19 X 0.13	88.5	1.17	4.5 ± 0.3	34
5730602	2 X 0.5	19 X 0.18	40.1	1.42	4.4 ± 0.2	31
5730603	3 X 0.5	19 X 0.18	40.1	1.42	4.6 ± 0.2	36
5730604	4 X 0.5	19 X 0.18	40.1	1.42	5.0 ± 0.2	43
5730605	5 X 0.5	19 X 0.18	40.1	1.42	5.5 ± 0.2	53
5730606	6 X 0.5	19 X 0.18	40.1	1.42	6.0 ± 0.2	62
5730609	9 X 0.5	19 X 0.18	40.1	1.42	7.3 ± 0.3	80
5730612	12 X 0.5	19 X 0.18	40.1	1.42	7.6 ± 0.3	100
5730616	16 X 0.5	19 X 0.18	40.1	1.42	8.6 ± 0.3	127
5730625	25 X 0.5	19 X 0.18	40.1	1.42	10.5 ± 0.4	200
A5730602P	2 X 2 X 0.5	19 X 0.18	40.1	1.42	6.5 ± 0.3	60
A5730604P	4 X 2 X 0.5	19 X 0.18	40.1	1.42	8.7 ± 0.3	100
5730802	2 X 0.75	19 X 0.23	26.7	1.62	4.75 ± 0.3	37
5730802P	2 X 2 X 0.75	19 X 0.23	26.7	1.62	7.75 ± 0.3	80
5730803	3 X 0.75	19 X 0.23	26.7	1.62	5.15 ± 0.3	47
5730804	4 X 0.75	19 X 0.23	26.7	1.62	5.6 ± 0.3	60
A5730804P	4 X 2 X 0.75	19 X 0.23	26.7	1.62	9.5 ± 0.3	130
5730805	5 X 0.75	19 X 0.23	26.7	1.62	6.1 ± 0.3	68
5730806	6 X 0.75	19 X 0.23	26.7	1.62	6.75 ± 0.3	85
5730808	8 X 0.75	19 X 0.23	26.7	1.62	7.8 ± 0.3	110
5730810	10 X 0.75	19 X 0.23	26.7	1.62	8.1 ± 0.3	120
5730812	12 X 0.75	19 X 0.23	26.7	1.62	8.4 ± 0.3	140
5730816	16 X 0.75	19 X 0.23	26.7	1.62	9.5 ± 0.3	173
5730824	24 X 0.75	19 X 0.23	26.7	1.62	11.7 ± 0.3	246
5730836	36 X 0.75	19 X 0.23	26.7	1.62	13.7 ± 0.3	358
5730848	48 X 0.75	19 X 0.23	26.7	1.62	15.5 ± 0.3	463



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5731002	2 X 1	19 X 0.26	20.0	1.77	5.1 ± 0.3	45
5731003	3 X 1	19 X 0.26	20.0	1.77	5.4 ± 0.3	54
5731004	4 X 1	19 X 0.26	20.0	1.77	5.8 ± 0.3	64
5731005	5 X 1	19 X 0.26	20.0	1.77	6.7 ± 0.3	86
5731006	6 X 1	19 X 0.26	20.0	1.77	7.3 ± 0.3	98
5731009	9 X 1	19 X 0.26	20.0	1.77	8.65 ± 0.3	140
5731010	10 x 1	19 X 0.26	20.0	1.77	8.7 ± 0.3	146
5731012	12 X 1	19 X 0.26	20.0	1.77	9.1 ± 0.3	172
5731016	16 X 1	19 X 0.26	20.0	1.77	10.4 ± 0.4	221
5731025	25 X 1	19 X 0.26	20.0	1.77	12.8 ± 0.4	324
5731037	37 X 1	19 X 0.26	20.0	1.77	15.7 ± 0.5	520
A5731002P	2 X 2 X 1	19 X 0.26	20.0	1.77	8.0 ± 0.3	90
5731302	2 X 1.5	19 X 0.31	13.7	2.17	6.0 ± 0.3	63
5731303	3 X 1.5	30 X 0.25	13.7	2.17	6.3 ± 0.3	74
5731303G	3G X 1.5	30 X 0.25	13.7	2.17	6.3 ± 0.3	78
5731304	4 X 1.5	19 X 0.31	13.7	2.17	6.9 ± 0.3	94
5731305	5 X 1.5	19 X 0.31	13.7	2.17	7.8 ± 0.3	116
5731305G	5G X 1.5	19 X 0.31	13.7	2.17	7.8 ± 0.3	116
5731306	6 X 1.5	19 X 0.31	13.7	2.17	8.45 ± 0.3	141
5731307	7 X 1.5	19 X 0.31	13.7	2.17	9.1 ± 0.3	165
5731307G	7G X 1.5	19 X 0.31	13.7	2.17	9.1 ± 0.3	165
5731308	8 X 1.5	19 X 0.31	13.7	2.17	10.3 ± 0.4	190
5731309	9 X 1.5	19 X 0.31	13.7	2.17	10.6 ± 0.4	216
5731310	10 X 1.5	19 X 0.31	13.7	2.17	10.6 ± 0.4	216
5731312	12 X 1.5	19 X 0.31	13.7	2.17	11.1 ± 0.4	242
5731316	16 X 1.5	19 X 0.31	13.7	2.17	12.6 ± 0.4	330
5731318	18 X 1.5	19 X 0.31	13.7	2.17	13.4 ± 0.4	374
5731325	25 X 1.5	19 X 0.31	13.7	2.17	15.5 ± 0.5	500
5731330	30 X 1.5	19 X 0.31	13.7	2.17	16.7 ± 0.5	600
5731350	50 X 1.5	19 X 0.31	13.7	2.17	21.5 ± 0.5	990
5731602	2 X 2.5	19 X 0.40	8.21	2.75	7.3 ± 0.3	99
5731603	3 X 2.5	19 X 0.40	8.21	2.75	7.8 ± 0.3	120
5731603G	3G X 2.5	19 X 0.40	8.21	2.75	7.8 ± 0.3	120
5731604	4 X 2.5	19 X 0.40	8.21	2.75	8.7 ± 0.3	154
5731605	5 X 2.5	19 X 0.40	8.21	2.75	9.4 ± 0.3	183
5731605G	5G X 2.5	19 X 0.40	8.21	2.75	9.4 ± 0.3	183
5731606	6 X 2.5	19 X 0.40	8.21	2.75	10.6 ± 0.4	223
5731616	16 X 2.5	19 X 0.40	8.21	2.75	15.8 ± 0.5	540
5731620	20 X 2.5	19 X 0.40	8.21	2.75	17.6 ± 0.5	680
5731630	30 X 2.5	19 X 0.40	8.21	2.75	20.9 ± 0.5	970
5731636	36 X 2.5	19 x 0.40	8.21	2.75	22.5 ± 0.5	1150



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