



Siechem GKW-LW/T Multi Core, 600/1000V AC, 900/1500V 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
- ✓ Special construction to save space and weight
- ✓ 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.

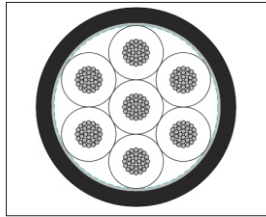
Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5 (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 : 3.5 kV AC for 5 min.
- ✓ Specification : Generally as per BS EN 50264 & BS EN 50306 In addition to BS EN 50264 spec, cables also meet fire performance tests as per EN 45545 - 2 HL3, BS 6853, DIN 5510-2, NF F 16-101.

2D View



Approvals Accreditations Certifications



Part Number	No. of cores x Cross Section (Nos) x (mm ²)	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.
5760602	2 X 0.5	19 X 0.18	40.1	1.30	4.0 ± 0.2	27
5760604	4 X 0.5	19 X 0.18	40.1	1.30	4.5 ± 0.2	37
5760605	5 X 0.5	19 X 0.18	40.1	1.30	5.0 ± 0.2	46
5760607	7 X 0.5	19 X 0.18	40.1	1.30	5.8 ± 0.2	62
5760608	8 X 0.5	19 X 0.18	40.1	1.30	6.3 ± 0.3	69
5760609	9 X 0.5	19 X 0.18	40.1	1.30	6.8 ± 0.2	80
5760612	12 X 0.5	19 X 0.18	40.1	1.30	6.9 ± 0.3	91
5760616	16 X 0.5	19 X 0.18	40.1	1.30	8.0 ± 0.3	126
5760618	18 X 0.5	19 X 0.18	40.1	1.30	8.3 ± 0.3	139
5760625	25 X 0.5	19 X 0.18	40.1	1.30	9.5 ± 0.3	173
5760625G	25 X 0.5	19 X 0.18	40.1	1.30	9.5 ± 0.3	173
5760630	30 X 0.5	19 X 0.18	40.1	1.30	10.3 ± 0.3	218
A5760602P	2 X 2 X 0.5	19 X 0.18	40.1	1.30	6.0 ± 0.3	49
5760802	2 X 0.75	19 X 0.22	26.7	1.52	4.4 ± 0.2	34
5760804	4 X 0.75	19 X 0.22	26.7	1.52	5.0 ± 0.2	50
5760805	5 X 0.75	19 X 0.22	26.7	1.52	5.7 ± 0.3	70
5760809	9 X 0.75	19 X 0.22	26.7	1.52	7.8 ± 0.2	103
5760810	10 X 0.75	19 X 0.22	26.7	1.52	7.7 ± 0.3	113
5760814	14 X 0.75	19 X 0.22	26.7	1.52	9.0 ± 0.3	156
5760827	27 X 0.75	19 X 0.22	26.7	1.52	12.5 ± 0.3	291
5760836	36 X 0.75	19 X 0.22	26.7	1.52	14.0 ± 0.3	377
5761002	2 X 1	19 X 0.26	20.0	1.67	4.77 ± 0.3	41
5761003	3 X 1	19 X 0.26	20.0	1.67	5.0 ± 0.2	50
5761003G	3G X 1	19 X 0.26	20.0	1.67	5.0 ± 0.2	50
5761004	4 X 1	19 X 0.26	20.0	1.67	5.5 ± 0.2	61
5761005	5 X 1	19 X 0.26	20.0	1.67	6.3 ± 0.3	75
5761006	6 X 1	19 X 0.26	20.0	1.67	6.9 ± 0.3	89
5761007	7 X 1	19 X 0.26	20.0	1.67	7.3 ± 0.3	98
57610012	12 X 1	19 X 0.26	20.0	1.67	8.6 ± 0.3	158
5761012G	12G X 1	19 X 0.26	20.0	1.67	8.6 ± 0.3	158
5761014	14 X 1	19 X 0.26	20.0	1.67	9.7 ± 0.3	190
5761020	20 X 1	19 X 0.26	20.0	1.67	11.8 ± 0.4	269
5761050	50 X 1	19 X 0.26	20.0	1.67	18.0 ± 0.4	650





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5761302	2 X 1.5	37 X 0.23	13.7	2.04	5.4 ± 0.3	58
5761303	3 X 1.5	37 X 0.23	13.7	2.04	5.8 ± 0.3	72
5761303G	3G X 1.5	37 X 0.23	13.7	2.04	5.8 ± 0.3	72
5761304	4 X 1.5	37 X 0.23	13.7	2.04	6.5 ± 0.3	91
5761304G	4G X 1.5	37 X 0.23	13.7	2.04	6.5 ± 0.3	91
5761305	5 X 1.5	37 X 0.23	13.7	2.04	7.2 ± 0.3	113
5761305G	5G X 1.5	37 X 0.23	13.7	2.04	7.2 ± 0.3	113
5761306	6 x 1.5	37 X 0.23	13.7	2.04	7.9 ± 0.3	135
5761307	7 X 1.5	37 X 0.23	13.7	2.04	8.4 ± 0.3	158
5761307G	7GX 1.5	37 X 0.23	13.7	2.04	8.4 ± 0.3	158
5761308	8 X 1.5	37 X 0.23	13.7	2.04	9.3 ± 0.3	184
5761310	10 X 1.5	37 X 0.23	13.7	2.04	10.0 ± 0.3	212
5761312G	12G X 1.5	37 X 0.23	13.7	2.04	10.4 ± 0.4	244
5761318	18 X 1.5	37 X 0.23	13.7	2.04	12.5 ± 0.4	360
5761325	25 X 1.5	37 X 0.23	13.7	2.04	15.6 ± 0.4	480
5761330	30 X 1.5	37 X 0.23	13.7	2.04	16.5 ± 0.4	560
5761350	50 X 1.5	37 X 0.23	13.7	2.04	20.1 ± 0.5	940
C5761603	3 X 2.5	19 X 0.40	8.21	2.55	7.0 ± 0.3	107
C5761606	6 X 2.5	19 X 0.40	8.21	2.55	9.8 ± 0.3	194
C5761612	12 X 2.5	19 X 0.40	8.21	2.55	12.6 ± 0.4	365
C5761618	18 X 2.5	19 X 0.40	8.21	2.55	15.5 ± 0.4	529
C5761624	24 X 2.5	19 X 0.40	8.21	2.55	18.0 ± 0.4	674
C5761630	30 X 2.5	19 X 0.40	8.21	2.55	19.5 ± 0.4	844
C5761636	36 X 2.5	19 X 0.40	8.21	2.55	21.3 ± 0.4	1019
5761602	2 X 2.5	37 X 0.29	8.21	2.55	6.6 ± 0.3	85
5761603	3 X 2.5	37 X 0.29	8.21	2.55	7.0 ± 0.3	107
5761604	4 X 2.5	37 X 0.29	8.21	2.55	7.9 ± 0.3	135
5761604G	4G x 2.5	37 X 0.29	8.21	2.55	7.9 ± 0.3	135
5761605	5 X 2.5	37 X 0.29	8.21	2.55	8.8 ± 0.3	167
5761606	6 X 2.5	37 X 0.29	8.21	2.55	9.8 ± 0.3	194
5761612	12 X 2.5	37 X 0.29	8.21	2.55	12.6 ± 0.4	365
5761618	18 X 2.5	37 X 0.29	8.21	2.55	15.5 ± 0.4	529
5761624	24 X 2.5	37 X 0.29	8.21	2.55	18.0 ± 0.4	674
5761630	30 X 2.5	37 X 0.29	8.21	2.55	19.5 ± 0.4	844
5761636	36 X 2.5	37 X 0.29	8.21	2.55	21.3 ± 0.4	1019
D5222303	3 X 6	84 X 0.31	3.39	4.19	10.6 ± 0.4	224

✓ ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

GKW LW/T	
G	Electron Beam Cross Linked Insulation
K	Cold Resistant
W	Heat Resistant
LW	Less Weight
T	Separator



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