



## Siechem 3 GKW Single 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.

### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5. (Unilay\*)
- ✓ Insulation : EBXL - LSZH
- ✓ Grey or as per customer order.

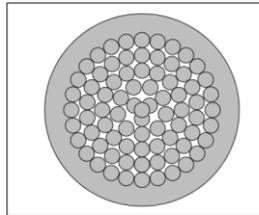
### Technical Data

- ✓ 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, NFPA -130

### 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
- ✓ High melting points for insulation
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.

### 2D View



### Approvals Accreditations Certifications



Siechem 3GKW 600V 1X50



Part Number	Cross Section (mm <sup>2</sup> )	Conductor Construction No of Strands X Strand dia Nos X mm	Conductor Diameter (mm)	Max Conductor Resistance at 20°C Ω/km	Insulation Thickness (Nom) (mm)	Outer Diameter (Nom)(mm)	Cable Weight (kg/km) approx.
57806XX*	0.5	16 X 0.20	0.90	40.1	0.50	2.00 ± 0.10	9
57808XX	0.75	24 X 0.20	1.12	26.7	0.50	2.20 ± 0.10	11
57810XX	1	32 X 0.20	1.30	20.0	0.55	2.45 ± 0.10	14
57813XX	1.5	30 X 0.25	1.6	13.7	0.55	2.70 ± 0.10	19
57816XX	2.5	50 X 0.25	2.1	8.21	0.60	3.30 ± 0.10	31
57819XX	4	56 X 0.30	2.6	5.09	0.65	3.95 ± 0.10	46
57823XX	6	84 X 0.30	3.3	3.39	0.70	4.70 ± 0.15	68
57827XX	10	80 X 0.40	4.2	1.95	0.80	5.85 ± 0.15	110
57828XX	16	126 X 0.40	5.5	1.24	0.90	7.25 ± 0.15	170
57830XX	25	189 X 0.40	6.8	0.795	1.00	8.90 ± 0.20	250
57832XX	35	259 X 0.40	7.8	0.565	1.10	10.20 ± 0.20	360
57834XX	50	378 X 0.40	9.5	0.393	1.20	11.90 ± 0.20	505
57837XX	70	348 X 0.50	11.5	0.277	1.30	14.30 ± 0.30	710
57838XX	95	456 X 0.50	12.9	0.210	1.40	15.90 ± 0.30	890
57841XX	120	570 X 0.50	14.8	0.164	1.50	17.90 ± 0.40	1120
57842XX	150	741 X 0.50	16.3	0.132	1.60	20.30 ± 0.40	1420
57844XX	185	888 X 0.50	18.0	0.108	1.70	22.00 ± 0.40	1710
57846XX	240	1184 X 0.50	23.0	0.0817	1.90	25.20 ± 0.50	2240
57848XX	300	1480 X 0.50	26.1	0.0654	2.00	28.00 ± 0.50	2790
57849XX	400	1952 X 0.50	27.3	0.0495	2.10	31.90 ± 0.50	3750

Note : XX\* : Please add last two digits in the part number as per the colour code given here under replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	Green-Yellow - 29

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

3 GKW	
3	Rated Voltage (600/1000V AC)
G	Electron Beam Cross Linked Insulation
K	Cold Resistant
W	Heat Resistant



www.siechem.com