



Siechem GKW-LW 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.

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.

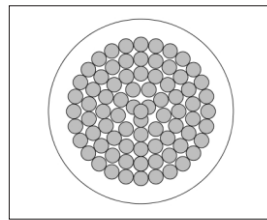
Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Flexible. (Unilay*)
- ✓ Insulation : EBXL - LSZH. (Code M) White 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	Cross Section (mm ²)	Conductor Construction No of Strands X Strand dia (Nos X mm)	Nom. Conductor dia (mm)	Conductor Resistance (ohm/km) (Max.)	Nom. Outer Diameter (mm)	Cable Weight (kg/km) approx.
57506XX*	0.5	19 X 0.18	0.90	40.1	1.30 ± 0.05	6.1
57581XX	20 AWG	19 X 0.18	0.90	31.1	1.35 ± 0.05	5.0
57508XX	0.75	19 X 0.23	1.10	26.7	1.52 ± 0.05	8.1
57580XX	18 AWG	19 X 0.25	1.10	20.0	1.65 ± 0.05	8.0
57510XX	1	19 X 0.26	1.25	20.0	1.67 ± 1.05	10.0
57579XX	16 AWG	19 X 0.28	1.25	15.5	1.80 ± 0.05	12.0
57513XX	1.5	37 X 0.23	1.50	13.7	2.04 ± 0.05	15.2
57578XX	14 AWG	37 X 0.25	1.50	10.5	2.25 ± 0.05	19.0
57516XX	2.5	19 X 0.40	1.95	8.21	2.54 ± 0.10	24.2
57577XX	12 AWG	37 X 0.30	2.45	6.56	2.75 ± 0.10	31.0
57519XX	4	56 X 0.30	2.45	5.09	3.20 ± 0.10	38.0

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder 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	

GKW LW

G	Electron Beam Cross Linked Insulation
K	Cold Resistant
W	Heat Resistant
LW	Less Weight



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