



Siechem 9 GKW/T EMC Multi Core, Screened, 3600/6000V AC, 5400/9000V 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 to EN 60228
- ✓ Insulation : EBXL - LSZH (code M)
- ✓ Innersheath : EBXL - LSZH (Code M) Black colour
- ✓ Fillers : LSZH (Optional)
- ✓ Screen : Tinned Copper Braid-S
- ✓ Separator Tape
- ✓ Outersheath : EBXL - LSZH EM104 Code M, Black colour or as per customer order.

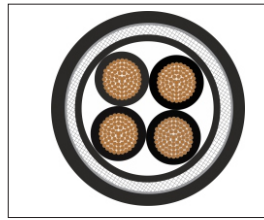
Technical Data

- ✓ Temperature Range : -50°C to +120°C.
- ✓ Rated Voltage : 3600/6000V AC 5400/9000V DC
- ✓ Test Voltage : 11kV AC for 5 min.
- ✓ Specification : Generally to 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, NFPF -130

Features

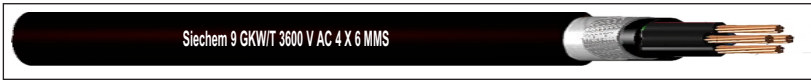
- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding Flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Resistance to oil, fuel, ozone, damp and humid weather conditions
- ✓ Smooth and abrasion resistant surface
- ✓ Easy to strip
- ✓ Low smoke density
- ✓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

2D View



Approvals	Accreditations	Certifications

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Part Number	No. of Cores X size (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)	Max. Dia over Screen (mm)	Cross section Screen (mm)	Outer diameter (mm) (Nom)	Cable Weight (Kg/Km) approx.
C1991903 *	3 X 4	56 X 0.30	5.09	5.7	13.3	7.13	16.5 ± 0.5	435
C1991906	6 X 4	56 X 0.30	5.09	5.7	18.7	12.5	22.0 ± 0.5	790
C1992304	4 X 6	84 X 0.30	3.39	6.3	17.0	10.6	20.8 ± 0.5	695
C1992702	2 X 10	80 X 0.40	1.95	7.5	16.1	9.72	19.7 ± 0.5	610
C1993204	4 X 35	259 X 0.40	0.565	12.6	33.4	35.7	39.7 ± 0.7	2940

Note : XX* & YY* : 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	

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

9 GKW/T EMC	
9	Rated Voltage (3600/6000V AC)
G	Electron Beam Cross Linked Insulation
K	Cold Resistant
W	Heat Resistant
T	Separator Tape
EMC	Screening



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