



Siechem BS EN 50264-3-1 Single Core, 600/1000V AC, EBXL 90°C Rolling Stock Cable

Application

- ✓ For mechanically protected installation in Rail / Bus and other transport vehicles.
- ✓ Cables are used in Driver desks, Control panels, wiring harness in inside/outside the moving vehicles.

Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5.
- ✓ Separator : Polyester tape(Optional)
- ✓ Insulation : EBXL - EI 109 (Dual wall)
- ✓ Colour : Black or as per customer order

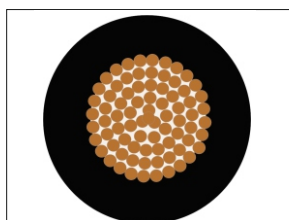
Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 600/1000V AC
- ✓ Specification : BS EN 50264-3-1
- ✓ Hazard Level Classification as per EN 45545-2, HL3
- Conductor : BS EN 60228, Class 5
- ✓ In addition to BS EN 50264 spec, cables also meet fire performance tests as per EN 45545-2, R15/R16-HL3 (equivalent to BS 6853)
- ✓ In-house test facility available for all tests as per relevant EN Specs.

Features

- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding Flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Resistance to oil, fuel, ozone and weathering.
- ✓ Easy to strip
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.
- ✓ Long service life of more than 30 years with optimized life-cycle cost.

2D View



Approvals Accreditations Certifications



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Siechem C7092304-6.00-0 600 V

Part Number	Cross Section (mm ²)	Conductor Construction No. of Strands x Strand dia. (Nos x mm)	Conductor Diameter (mm) (Nom)	Max. Conductor Resistance at 20°C (Ω/km)	Insulation Thickness (mm)		Outer Diameter (mm)		Cable Weight approx (Kg/Km)	Current Rating at 45°C (A)
					(Min)	(Nom)	(Min)	(Max)		
C70910XX	1	32 x 0.20	1.25	20.0	0.44	0.6	2.4	2.8	15	20
C70913XX	1.5	30 x 0.25	1.5	13.7	0.53	0.7	2.8	3.3	20	25
C70916XX	2.5	50 x 0.25	1.95	8.21	0.53	0.7	3.2	3.8	30	33
C70919XX	4	56 x 0.30	2.5	5.09	0.53	0.7	3.8	4.4	45	46
C70923XX	6	78 x 0.30	3.0	3.39	0.53	0.7	4.2	5.0	65	60
C70927XX	10	80 x 0.40	3.9	1.95	0.53	0.7	5.1	5.9	105	85
C70928XX	16	126 x 0.40	5.0	1.24	0.53	0.7	6.1	7.2	160	110
C70930XX	25	196 x 0.40	6.4	0.795	0.71	0.9	7.8	9.1	250	150
C70932XX	35	276 x 0.40	7.7	0.565	0.71	0.9	9.0	10.6	330	190
C70934XX	50	396 x 0.40	9.2	0.393	0.80	1.0	10.6	12.4	465	240
C70937XX	70	360 x 0.50	11.0	0.277	0.89	1.1	12.5	14.6	635	300
C70938XX	95	475 x 0.50	12.5	0.210	0.89	1.1	13.9	16.3	870	360
C70941XX	120	608 x 0.50	14.2	0.164	0.98	1.2	15.7	18.4	1090	425
C70942XX	150	756 x 0.50	15.8	0.132	1.16	1.4	17.6	20.6	1365	490
C70944XX	185	925 x 0.50	17.5	0.108	1.34	1.6	19.6	22.9	1780	560
C70946XX	240	1221 x 0.50	20.1	0.0817	1.43	1.7	22.2	26.0	2165	675
C70948XX	300	1525 x 0.50	22.5	0.0654	1.52	1.8	24.6	28.8	2850	775
C70949XX	400	2013 x 0.50	25.8	0.0495	1.70	2.0	28.1	32.9	3800	950

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	

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



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