



Siechem BS EN 50306-3 Single and Multi Core, Screened, 300 V AC, EBXL 120°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, (Unilay*)
- ✓ Insulation : Cross Linked Ethylene Copolymer
- ✓ Core identification : 2 - Black, White
3 - Red, Blue, White
4 - Black, Red, Blue, White
- ✓ Screen : i) Tinned Copper Braid
ii) Wire dia ≥ 0.10 mm
iii) Filling Factor ≥ 0.55
- ✓ Outer sheath : EBXL - Type S2 (Black)

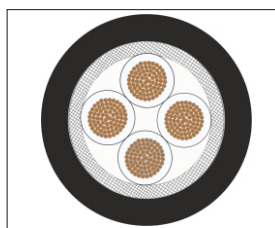
Technical Data

- ✓ Temperature Range : -40°C to $+120^{\circ}\text{C}$.
- ✓ Rated Voltage : 300 V AC
- ✓ Specification : Generally BS EN 50306-3 : 2020
- ✓ Hazard Level Classification as per EN 45545-2, HL3
Conductor : BS EN 50306-2 : 2020
- ✓ 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
ISO 9001	ISO 14001	ISO 45001
IRIS	IRIS	IRIS
CE	REACH	ROHS
UL	BASEC	TUV
ABS	RDSO	SGS
ecovadis		

Siechem C850130504 1.50-5-0 600 V

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)	Max. Core Diameter (mm)	Min. Sheath Thickness (mm)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
						(Min)	(Max)	
C85006XXYY	1 X 0.5	19 X 0.18	40.1	1.45	0.20	2.3	2.9	15
C7070602	2 X 0.5	19 X 0.18	40.1	1.45	0.20	3.5	4.4	32
C7070603	3 X 0.5	19 X 0.18	40.1	1.45	0.20	3.7	4.7	38
C7070604	4 X 0.5	19 X 0.18	40.1	1.45	0.20	4.0	5.2	46
C7070606	6 X 0.5	19 X 0.18	40.1	1.45	0.20	5.5	6.5	67
C7070608	8 X 0.5	19 X 0.18	40.1	1.45	0.20	6.1	7.1	86
C85008XXYY	1 X 0.75	37 X 0.16	26.7	1.65	0.20	2.5	3.1	19
C7070802	2 X 0.75	37 X 0.16	26.7	1.65	0.20	3.9	4.8	41
C7070803	3 X 0.75	37 X 0.16	26.7	1.65	0.20	4.0	5.2	49
C7070804	4 X 0.75	37 X 0.16	26.7	1.65	0.20	4.5	5.7	59
C7070806	6 X 0.75	37 X 0.16	26.7	1.65	0.20	6.1	7.1	87
C7070808	8 X 0.75	37 X 0.16	26.7	1.65	0.20	7.3	8.3	112
C85010XXYY	1 X 1.0	37 X 0.18	20.0	1.80	0.20	2.7	3.3	21
C7071002	2 X 1.0	37 X 0.18	20.0	1.80	0.20	4.2	5.3	46
C7071003	3 X 1.0	37 X 0.18	20.0	1.80	0.20	4.5	5.7	56
C7071004	4 X 1.0	37 X 0.18	20.0	1.80	0.20	5.0	6.2	70
C7071006	6 X 1.0	37 X 0.18	20.0	1.80	0.20	6.3	7.3	103
C7071008	8 X 1.0	37 X 0.18	20.0	1.80	0.20	7.5	8.5	135
C707A2402	2 X 1.2	19 X 0.29	15.8	2.10	0.20	4.5	5.5	55
C707A2403	3 X 1.2	19 X 0.29	15.8	2.10	0.20	4.7	5.8	68



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						(Min)	(Max)	
C85013XXYY	1 X 1.5	37 X 0.23	13.7	2.30	0.20	3.1	3.7	28
C7071302	2 X 1.5	37 X 0.23	13.7	2.30	0.20	5.1	6.2	65
C7071303	3 X 1.5	37 X 0.23	13.7	2.30	0.20	5.4	6.6	80
C7071304	4 X 1.5	37 X 0.23	13.7	2.30	0.20	6.0	7.2	100
C7071306	6 X 1.5	37 X 0.23	13.7	2.30	0.20	7.3	8.3	149
C7071308	8 X 1.5	37 X 0.23	13.7	2.30	0.20	8.5	9.5	195
C7071404	4 X 2.0	37 X 0.26	10.5	2.50	0.20	7.0	8.0	130
C85016XXYY	1 X 2.5	37 X 0.30	8.21	2.85	0.20	3.6	4.5	43
C7071602	2 X 2.5	37 X 0.30	8.21	2.85	0.20	6.4	7.5	95
C7071603	3 X 2.5	37 X 0.30	8.21	2.85	0.20	6.8	8.0	120
C7071604	4 X 2.5	37 X 0.30	8.21	2.85	0.20	7.5	8.7	150

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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