



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

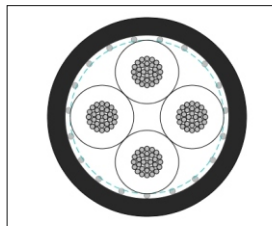
Technical Data

- ✓ Temperature Range : -40°C to $+90^{\circ}\text{C}$.
- ✓ Rated Voltage : 300 V AC
- ✓ Specification : 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 50306 spec, cables also meet fire performance tests as per UNI CEI 11170-3, DIN 5510-2, NF F 16-101 NFPA -130, EN 45545

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.

2D View



Approvals Accreditations Certifications



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)	
R551060904	1 X 0.5	19 X 0.18	40.1	1.45	0.20	2.3	2.9	15
R5520602	2 X 0.5	19 X 0.18	40.1	1.45	0.20	3.5	4.4	32
R5520603	3 X 0.5	19 X 0.18	40.1	1.45	0.20	3.7	4.7	38
R5520604	4 X 0.5	19 X 0.18	40.1	1.45	0.20	4.0	5.2	46
R5520606	6 X 0.5	19 X 0.18	40.1	1.45	0.20	5.5	6.5	67
R5520608	8 X 0.5	19 X 0.18	40.1	1.45	0.20	6.1	7.1	86
R551080904	1 X 0.75	37 X 0.16	26.7	1.65	0.20	2.5	3.1	19
R5520802	2 X 0.75	37 X 0.16	26.7	1.65	0.20	3.9	4.8	41
R5520803	3 X 0.75	37 X 0.16	26.7	1.65	0.20	4.0	5.2	49
R5520804	4 X 0.75	37 X 0.16	26.7	1.65	0.20	4.5	5.7	59
R5520806	6 X 0.75	37 X 0.16	26.7	1.65	0.20	6.1	7.1	87
R5520808	8 X 0.75	37 X 0.16	26.7	1.65	0.20	7.3	8.3	112
R551100904	1 X 1.0	37 X 0.18	20.0	1.80	0.20	2.7	3.3	21
R5521002	2 X 1.0	37 X 0.18	20.0	1.80	0.20	4.2	5.3	46
R5521003	3 X 1.0	37 X 0.18	20.0	1.80	0.20	4.5	5.7	56
R5521004	4 X 1.0	37 X 0.18	20.0	1.80	0.20	5.0	6.2	70
R5521006	6 X 1.0	37 X 0.18	20.0	1.80	0.20	6.3	7.3	103
R5521008	8 X 1.0	37 X 0.18	20.0	1.80	0.20	7.5	8.5	135
R551130904	1 X 1.5	37 X 0.23	13.7	2.30	0.20	3.1	3.7	28
R5521302	2 X 1.5	37 X 0.23	13.7	2.30	0.20	5.1	6.2	65
R5521303	3 X 1.5	37 X 0.23	13.7	2.30	0.20	5.4	6.6	80



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						(Min)	(Max)	
R5521304	4 X 1.5	37 X 0.23	13.7	2.30	0.20	6.0	7.2	100
R5521306	6 X 1.5	37 X 0.23	13.7	2.30	0.20	7.3	8.3	149
R5521308	8 X 1.5	37 X 0.23	13.7	2.30	0.20	8.5	9.5	195
R551160904	1 X 2.5	37 X 0.30	8.21	2.85	0.20	3.6	4.5	43
R5521602	2 X 2.5	37 X 0.30	8.21	2.85	0.20	6.4	7.5	95
R5521603	3 X 2.5	37 X 0.30	8.21	2.85	0.20	6.8	8.0	120
R5521604	4 X 2.5	37 X 0.30	8.21	2.85	0.20	7.5	8.7	150

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



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