



Siechem BS EN 50306-4 3P Multi Core, Screened, 300V AC, 450V DC, 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
- ✓ Screen : Tinned Copper Braid
- ✓ Separator Tape
- ✓ Outersheath : EBXL - EM 104
Black colour or as per customer order.

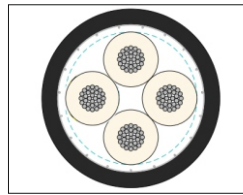
Technical Data

- ✓ Temperature Range : -40°C to + 90°C.
- ✓ Rated Voltage : 300V AC 450V DC
- ✓ Specification : BS EN 50306-4 : 2020, Table 3 Class P
- ✓ 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)	
R5550602	2 X 0.5	19 X 0.18	40.1	1.45	0.42	4.1	5.3	40
R5550603	3 X 0.5	19 X 0.18	40.1	1.45	0.42	4.3	5.5	46
R5550604	4 X 0.5	19 X 0.18	40.1	1.45	0.42	4.7	5.9	55
R5550606	6 X 0.5	19 X 0.18	40.1	1.45	0.42	5.5	6.8	75
R5550608	8 X 0.5	19 X 0.18	40.1	1.45	0.42	6.0	7.3	93
R5550802	2 X 0.75	37 X 0.16	26.7	1.65	0.42	4.5	5.7	51
R5550803	3 X 0.75	37 X 0.16	26.7	1.65	0.42	4.7	5.9	60
R5550804	4 X 0.75	37 X 0.16	26.7	1.65	0.42	5.2	6.4	69
R5550806	6 X 0.75	37 X 0.16	26.7	1.65	0.42	6.1	7.4	93
R5550808	8 X 0.75	37 X 0.16	26.7	1.65	0.42	6.6	7.9	116
R5551002	2 X 1	37 X 0.18	20.0	1.80	0.42	4.7	5.9	55
R5551003	3 X 1	37 X 0.18	20.0	1.80	0.42	5.1	6.2	67
R5551004	4 X 1	37 X 0.18	20.0	1.80	0.42	5.5	6.7	84
R5551006	6 X 1	37 X 0.18	20.0	1.80	0.42	6.6	7.9	113
R5551008	8 X 1	37 X 0.18	20.0	1.80	0.56	7.7	9.0	147
R5551302	2 X 1.5	37 X 0.23	13.7	2.30	0.42	5.7	6.9	79
R5551303	3 X 1.5	37 X 0.23	13.7	2.30	0.42	6.0	7.2	92
R5551304	4 X 1.5	37 X 0.23	13.7	2.30	0.42	6.6	7.8	116





Siechem BS EN 50306-4 3P Multi Core, Screened, 300V AC, 450V DC, EBXL 90°C Rolling Stock Cable

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)	
R5551306	6 X 1.5	37 X 0.23	13.7	2.30	0.56	8.3	9.6	164
R5551308	8 X 1.5	37 X 0.23	13.7	2.30	0.56	8.9	10.4	200
R5551602	2 X 2.5	37 X 0.30	8.21	2.85	0.56	7.3	8.5	117
R5551603	3 X 2.5	37 X 0.30	8.21	2.85	0.56	7.7	8.9	143
R5551604	4 X 2.5	37 X 0.30	8.21	2.85	0.56	8.4	9.8	175

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



www.siechem.com