Siechem
Wires & Cables

Siechem BS EN 50306-4 1E Multi Core, 300V AC, 450V DC, EBXL 90°C Rolling Stock Cable

Application

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

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.

Product Construction

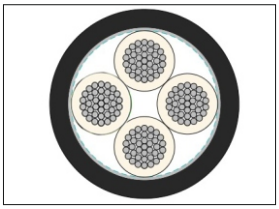
- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, (Unilay*)
- ✓ Insulation : Cross Linked Ethylene Copolymer
- ✓ Separator : Polyester Tape
- ✓ Outersheath : EBXL - EM 104 Black colour or as per customer order.

Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 300V AC 450V DC
- ✓ Specification : BS EN 50306-4 : 2020, Table 1 Class E
- ✓ 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
CEN /TS 45545

2D View



IAS | IRIS Certification | ISO 9001 | ISO 14001 | AS 9100 | ISO 45001
RDSO | SGS | ALSTOM | REACH | RoHS | CE

Part Number	No. of cores x Cross Section (Nos) x (mm²)	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)	
R5540602	2 X 0.5	19 X 0.18	40.1	1.45	1.0	4.9	5.9	28
R5540603	3 X 0.5	19 X 0.18	40.1	1.45	1.0	5.1	6.1	38
R5540604	4 X 0.5	19 X 0.18	40.1	1.45	1.0	5.5	6.5	56
R5540607	7 X 0.5	19 X 0.18	40.1	1.45	1.0	6.3	7.3	76
R5540613	13 X 0.5	19 X 0.18	40.1	1.45	1.0	8.3	9.3	124
R5540619	19 X 0.5	19 X 0.18	40.1	1.45	1.0	9.0	10.2	164
R5540637	37 X 0.5	19 X 0.18	40.1	1.45	1.0	12.3	13.5	296
R5540802	2 X 0.75	37 X 0.16	26.7	1.65	1.0	5.3	6.3	45
R5540803	3 X 0.75	37 X 0.16	26.7	1.65	1.0	5.5	6.5	49
R5540804	4 X 0.75	37 X 0.16	26.7	1.65	1.0	6.0	7.0	69
R5540807	7 X 0.75	37 X 0.16	26.7	1.65	1.0	6.9	7.9	98
R5540813	13 X 0.75	37 X 0.16	26.7	1.65	1.0	9.1	10.3	165
R5540819	19 X 0.75	37 X 0.16	26.7	1.65	1.0	10.0	11.2	220
R5540837	37 X 0.75	37 X 0.16	26.7	1.65	1.0	13.2	14.4	399
R5540848	48 X 0.75	37 X 0.16	26.7	1.65	1.0	14.8	16.4	507
R5541002	2 X 1	37 X 0.18	20.0	1.80	1.0	5.6	6.6	42
R5541003	3 X 1	37 X 0.18	20.0	1.80	1.0	5.9	6.9	53
R5541004	4 X 1	37 X 0.18	20.0	1.80	1.0	6.3	7.3	80
R5541007	7 X 1	37 X 0.18	20.0	1.80	1.0	7.3	8.3	118
R5541013	13 X 1	37 X 0.18	20.0	1.80	1.0	9.7	10.9	200
R5541019	19 X 1	37 X 0.18	20.0	1.80	1.0	10.7	11.9	272
R5541037	37 X 1	37 X 0.18	20.0	1.80	1.0	14.0	15.6	494
R5541302	2 X 1.5	37 X 0.23	13.7	2.30	1.0	6.3	7.3	60
R5541303	3 X 1.5	37 X 0.23	13.7	2.30	1.0	6.6	7.6	77
R5541304	4 X 1.5	37 X 0.23	13.7	2.30	1.0	7.4	8.4	110
R5541307	7 X 1.5	37 X 0.23	13.7	2.30	1.0	8.6	9.8	168
R5541313	13 X 1.5	37 X 0.23	13.7	2.30	1.0	11.7	12.9	283
R5541319	19 X 1.5	37 X 0.23	13.7	2.30	1.0	13.0	14.2	390
R5541337	37 X 1.5	37 X 0.23	13.7	2.30	1.0	17.2	18.8	716
R5541602	2 X 2.5	37 X 0.30	8.21	2.85	1.0	7.7	8.7	108
R5541603	3 X 2.5	37 X 0.30	8.21	2.85	1.0	8.1	9.1	131
R5541604	4 X 2.5	37 X 0.30	8.21	2.85	1.0	8.8	10.0	165

Catalogue No. R554

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