



## Siechem BS EN 50306-4 5P Multi Pair, 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
- ✓ Pair : Cores twisted and Screened
- ✓ Screen : Tinned Copper Braid
- ✓ Pair Sheath : EBXL - EM 104 (Black)
- ✓ Separator Tape
- ✓ Outersheath : EBXL - EM 104  
Black Colour or as per customer order.

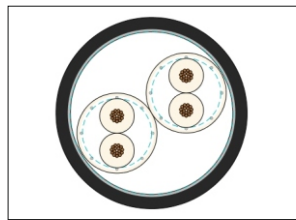
### Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 300V AC 450V DC
- ✓ Specification : BS EN 50306-4 : 2020, Table 5, Class P
- ✓ Hazard Level Classification as per EN 45545-2, HL3  
Screened and Sheathed Pairs : EN 50306-3 : 2020  
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



Siechem EN 50306-4 5P 300 V 2 x 2 x 0.5 MMM S



Part Number	No. of cores x Cross Section (Nos) x (mm <sup>2</sup> )	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)	
R5570602P	2 X 2 X 0.5	19 X 0.18	40.1	1.45	0.56	9.0	10.2	116
R5570603P	3 X 2 X 0.5	19 X 0.18	40.1	1.45	0.56	9.6	10.8	143
R5570604P	4 X 2 X 0.5	19 X 0.18	40.1	1.45	0.56	10.7	12.0	171
R5570607P	7 X 2 X 0.5	19 X 0.18	40.1	1.45	0.56	13.0	14.2	253
R5570802P	2 X 2 X 0.75	37 X 0.16	26.7	1.65	0.56	9.8	11.0	129
R5570803P	3 X 2 X 0.75	37 X 0.16	26.7	1.65	0.56	10.5	11.7	164
R5570804P	4 X 2 X 0.75	37 X 0.16	26.7	1.65	0.56	11.6	12.8	196
R5570807P	7 X 2 X 0.75	37 X 0.16	26.7	1.65	0.56	14.0	15.6	298
R5571002P	2 X 2 X 1	37 X 0.18	20.0	1.80	0.56	10.2	11.6	145
R5571003P	3 X 2 X 1	37 X 0.18	20.0	1.80	0.56	10.9	12.3	178
R5571004P	4 X 2 X 1	37 X 0.18	20.0	1.80	0.56	12.1	13.3	217
R5571007P	7 X 2 X 1	37 X 0.18	20.0	1.80	0.56	14.6	16.3	340
R5571302P	2 X 2 X 1.5	37 X 0.23	13.7	2.30	0.56	12.2	13.4	201
R5571303P	3 X 2 X 1.5	37 X 0.23	13.7	2.30	0.56	13.1	14.3	252
R5571304P	4 X 2 X 1.5	37 X 0.23	13.7	2.30	0.56	14.3	15.9	306
R5571307P	7 X 2 X 1.5	37 X 0.23	13.7	2.30	0.56	17.6	19.2	466

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



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