



## Siechem BS EN 50306-4 7P 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
- ✓ General Screen : i) Tinned Copper Braid  
ii) Wire dia  $\geq 0.10$  mm  
iii) Filling Factor  $\geq 0.55$
- ✓ Separator Tape
- ✓ Outersheath : EBXL - EM 104  
Black colour or as per customer order.

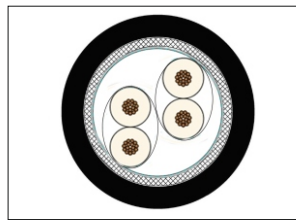
### Technical Data

- ✓ Temperature Range :  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$ .
- ✓ Rated Voltage : 300V AC 450V DC
- ✓ Specification : BS EN 50306-4 : 2020, Table 7, 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



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)	Nom. Thickness of Overall Sheath (mm)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
					(Min)	(Max)	
RA5370602P	2 X 2 X 0.5	19 X 0.18	40.1	0.56	6.6	7.9	67
RA5370603P	3 X 2 X 0.5	19 X 0.18	40.1	0.56	7.0	8.1	85
RA5370604P	4 X 2 X 0.5	19 X 0.18	40.1	0.56	7.7	8.7	100
RA5370607P	7 X 2 X 0.5	19 X 0.18	40.1	0.56	9.0	10.6	145
RA5370802P	2 X 2 X 0.75	37 X 0.16	26.7	0.56	7.1	9.0	85
RA5370803P	3 X 2 X 0.75	37 X 0.16	26.7	0.56	7.7	9.2	105
RA5370804P	4 X 2 X 0.75	37 X 0.16	26.7	0.56	9.0	10.0	140
RA5370807P	7 X 2 X 0.75	37 X 0.16	26.7	0.56	10.8	11.8	215
RA5371002P	2 X 2 X 1	37 X 0.18	20.0	0.56	7.8	9.5	105
RA5371003P	3 X 2 X 1	37 X 0.18	20.0	0.56	8.3	9.7	130
RA5371004P	4 X 2 X 1	37 X 0.18	20.0	0.56	9.1	10.3	160
RA5371007P	7 X 2 X 1	37 X 0.18	20.0	0.56	11.0	12.4	250
RA5371302P	2 X 2 X 1.5	37 X 0.23	13.7	0.56	9.8	11.2	140
RA5371303P	3 X 2 X 1.5	37 X 0.23	13.7	0.56	10.4	11.4	185
RA5371304P	4 X 2 X 1.5	37 X 0.23	13.7	0.56	11.6	12.6	235
RA5371307P	7 X 2 X 1.5	37 X 0.23	13.7	0.56	14.0	15.3	375





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					(Min)	(Max)	
B7460605P	5 X 2 X 0.5	19 X 0.18	40.1	0.56	8.3	9.5	115
B7460606P	6 X 2 X 0.5	19 X 0.18	40.1	0.56	9.0	10.6	130
B7460806P	6 X 2 X 0.75	37 X 0.16	26.7	0.56	10.8	11.8	200

\*Note : B746 - 5P,6P is not a standard Size as per EN 50306-4

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



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