



## Siechem BS EN 50306-2, Single Core, 300 V AC, EBXL 105°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
- ✓ Colour : White or as per customer order.

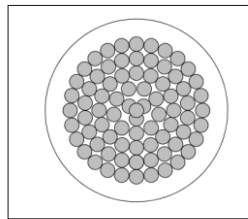
### Technical Data

- ✓ Temperature Range : -40°C to +105°C.
  - ✓ Rated Voltage : 300 V AC
  - ✓ Specification : BS EN 50306-2 : 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

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Part Number	Cross Section (mm <sup>2</sup> )	Conductor Construction No. of Strands x Strand dia. (Nos x mm)	Max. Conductor Diameter (mm)	Max. Conductor Resistance at 20°C (Ω/km)	Min. Insulation Thickness (mm)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
						(Min)	(Max)	
R55006XX*	0.5	19 X 0.18	0.95	40.1	0.18	1.15	1.45	6
R55008XX	0.75	37 X 0.16	1.15	26.7	0.18	1.35	1.65	8
R55010XX	1.0	37 X 0.18	1.30	20.0	0.18	1.40	1.80	10
R55013XX	1.5	37 X 0.23	1.60	13.7	0.22	1.90	2.30	15
R55016XX	2.5	37 X 0.30	2.00	8.21	0.28	2.45	2.85	25

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

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



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