



## Siechem TW Single Core 600/1000V AC, 900/1500V DC, EBXL 120°C Rolling Stock Cable

### Application

- ✓ For carriage wiring, terminal boxes, control panels, wiring harness in inside/outside the moving vehicle.
- ✓ For Rail/Bus and other transport vehicles.
- ✓ For switch gears and control gear manufacturing.

### Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Unilay Flexible
- ✓ Insulation : EBXL - LSZH. (Code M) Black colour or as per customer order.

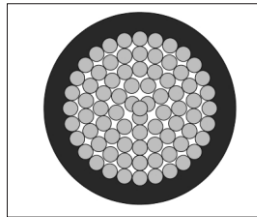
### Technical Data

- ✓ Temperature Range : -50°C to +120°C.
- ✓ Rated Voltage : 600/1000V AC 900/1500V DC
- ✓ Test voltage : 2 kV AC for 5 min.
- ✓ Specification : Generally to BS EN 50306-2 & BS EN 50264 In addition to BS EN 50306 spec, cables also meet fire performance tests as per EN 45545 - 2 HL3, BS 6853, DIN 5510-2, NFPA -130, NF F 16-101.

### Features

- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding Flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Resistance to oil, fuel, ozone, damp and humid weather conditions
- ✓ Smooth and abrasion resistant surface
- ✓ Easy to strip
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.

### 2D View



### Approvals Accreditations Certifications



Siechem TW 600 V 1 x 1.5 M

| Part Number | Cross Section (mm <sup>2</sup> ) | Conductor Construction No.of Strands x Strand dia (Nos x mm) | Conductor diameter (mm) | Max conductor resistance at 20°C (Ω/km) | Nom.Outer diameter (mm) | Cable Weight (kg/km) approx. |
|-------------|----------------------------------|--|-------------------------|---|-------------------------|------------------------------|
| 57270XX *   | 0.34                             | 19 x 0.16  | 0.76                    | 52.1                                    | 1.3 ± 0.05              | 5                            |
| 57206XX     | 0.5                              | 19 X 0.18  | 0.90                    | 40.1                                    | 1.42 ± 0.03             | 6                            |
| 57208XX     | 0.75                             | 19 X 0.23  | 1.10                    | 26.7                                    | 1.62 ± 0.03             | 9                            |
| 57210XX     | 1.0                              | 19 X 0.26  | 1.25                    | 20.0                                    | 1.78 ± 0.02             | 10                           |
| 57213XX     | 1.5                              | 19 X 0.31  | 1.50                    | 13.7                                    | 2.17 ± 0.04             | 16                           |
| 57216XX     | 2.5                              | 19 X 0.40  | 1.95                    | 8.21                                    | 2.75 ± 0.05             | 27                           |
| 57219XX     | 4                                | 56 x 0.30  | 2.45                    | 5.09                                    | 3.35 ± 0.05             | 40                           |

Note : XX\* : Please add last two digits in the part number as per the colour code given here under 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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