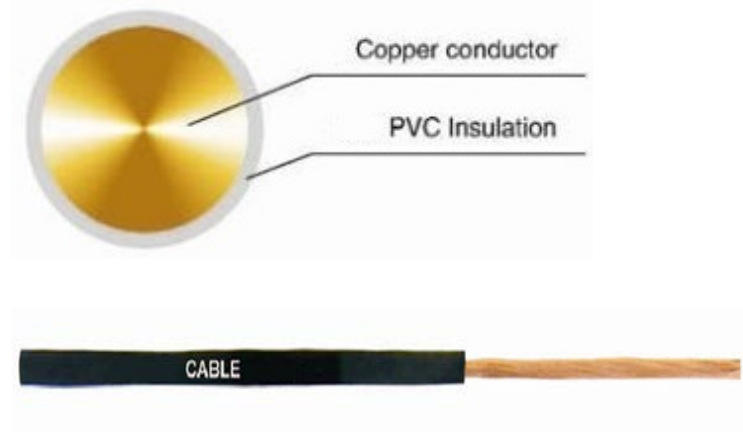


## Datasheet

**Stock No. From 1840150 to 1840226**

**From 1856324 to 1856332**

## Single - core Copper Conductor PVC Insulated Flexible Wire for General Purpose



### Technical Data :

- 1) Rated Voltage: 450/750V
- 2) Rated Temperature: 70°C
- 3) Standards: GB5023-2008, IEC60227-1997.
- 4) Testing Voltage: 6KV
- 5) Min. Insulation Resistance: 0.010  $\Omega$ /km (at70°C)
- 6) Conductor Material: Copper
- 7) Jacket Material: PVC (Polyvinyl-Chloride), Low Smoke Zero Halogen
- 8) Operating Temperature: -20°C ~75°C
- 9) Application Range: Cables and wires for power plants, household appliances, instruments and telecommunications equipment with AC voltage 450/750V or less.

### CAUTION :

This product is suitable for rated voltage is below and 450/750v power plant and used for fixed wiring.



## Single - core Copper Conductor PVC Insulated Flexible Wire for General Purpose



| Article No. | Cross Section (mm <sup>2</sup> ) | Conductor Type | Insulation Thickness (mm) | Mean Overall Dia. (mm) | Approx. Wt. Of Cable ( kg/km ) | Max DC Resistance at 20°C (Ω/km ) | Min. Insulation Resistance at 70°C ( MΩ/km) | Colour       |
|-------------|----------------------------------|----------------|---------------------------|------------------------|--------------------------------|-----------------------------------|---------------------------------------------|--------------|
| 1840150     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Red          |
| 1840151     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | White        |
| 1840153     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Blue         |
| 1840154     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Green        |
| 1840155     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Grey         |
| 1840156     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Black        |
| 1840157     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Yellow/green |
| 1856324     | 0.50                             | 5              | 0.60                      | 2.60                   | 8.00                           | 39.00                             | 0.013                                       | Yellow       |
| 1840158     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Red          |
| 1840159     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | White        |
| 1840160     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Blue         |
| 1840161     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Green        |
| 1840162     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Grey         |
| 1840163     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Black        |
| 1840164     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Yellow/green |
| 1856325     | 0.75                             | 5              | 0.60                      | 2.80                   | 11.00                          | 26.00                             | 0.011                                       | Yellow       |
| 1840165     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Red          |
| 1840166     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | White        |
| 1840167     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Blue         |
| 1840169     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Green        |
| 1840170     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Grey         |
| 1840171     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Black        |
| 1840172     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Yellow/green |
| 1856326     | 1.00                             | 5              | 0.60                      | 3.00                   | 13.00                          | 19.50                             | 0.01                                        | Yellow       |
| 1840173     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Red          |
| 1840175     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | White        |
| 1840176     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Blue         |
| 1840177     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Green        |
| 1840178     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Grey         |
| 1840179     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Black        |
| 1840180     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Yellow/green |
| 1856327     | 1.50                             | 5              | 0.70                      | 3.50                   | 19.00                          | 18.10                             | 0.011                                       | Yellow       |
| 1840181     | 2.50                             | 5              | 0.80                      | 4.20                   | 30.00                          | 7.41                              | 0.01                                        | Red          |
| 1840182     | 2.50                             | 5              | 0.80                      | 4.20                   | 30.00                          | 7.41                              | 0.01                                        | White        |
| 1840183     | 2.50                             | 5              | 0.80                      | 4.20                   | 30.00                          | 7.41                              | 0.01                                        | Blue         |
| 1840184     | 2.50                             | 5              | 0.80                      | 4.20                   | 30.00                          | 7.41                              | 0.01                                        | Green        |
| 1840185     | 2.50                             | 5              | 0.80                      | 4.20                   | 30.00                          | 7.41                              | 0.01                                        | Grey         |

|         |       |   |      |       |        |      |        |              |
|---------|-------|---|------|-------|--------|------|--------|--------------|
| 1840186 | 2.50  | 5 | 0.80 | 4.20  | 30.00  | 7.41 | 0.01   | Black        |
| 1840187 | 2.50  | 5 | 0.80 | 4.20  | 30.00  | 7.41 | 0.01   | Yellow/green |
| 1856328 | 2.50  | 5 | 0.80 | 4.20  | 30.00  | 7.41 | 0.01   | Yellow       |
| 1840188 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Red          |
| 1840189 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | White        |
| 1840190 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Blue         |
| 1840191 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Green        |
| 1840192 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Grey         |
| 1840193 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Black        |
| 1840194 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Yellow/green |
| 1856329 | 4.00  | 5 | 0.80 | 4.80  | 46.00  | 4.61 | 0.0085 | Yellow       |
| 1840195 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Red          |
| 1840197 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | White        |
| 1840198 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Blue         |
| 1840199 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Green        |
| 1840200 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Grey         |
| 1840201 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Black        |
| 1840202 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Yellow/green |
| 1856307 | 6.00  | 5 | 0.80 | 6.30  | 67.00  | 3.08 | 0.007  | Yellow       |
| 1840204 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Red          |
| 1840205 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | White        |
| 1840206 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Blue         |
| 1840207 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Green        |
| 1840208 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Grey         |
| 1840209 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Black        |
| 1840210 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Yellow/green |
| 1856330 | 10.00 | 5 | 1.00 | 7.60  | 121.00 | 1.94 | 0.0056 | Yellow       |
| 1840211 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Red          |
| 1840212 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | White        |
| 1840213 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Blue         |
| 1840214 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Green        |
| 1840215 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Grey         |
| 1840216 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Black        |
| 1840217 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Yellow/green |
| 1856331 | 16.00 | 5 | 1.00 | 8.80  | 170.00 | 1.25 | 0.0048 | Yellow       |
| 1840218 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Red          |
| 1840220 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | White        |
| 1840221 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Blue         |
| 1840222 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Green        |
| 1840223 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Grey         |
| 1840224 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Black        |
| 1840226 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Yellow/green |
| 1856332 | 25.00 | 5 | 1.20 | 11.00 | 268.00 | 0.78 | 0.0044 | Yellow       |