

## 200°C AF200 SILVER PLATED COPPER CONDUCTOR FEP INSULATED WIRE



### APPLICATION

Suitable for household appliances, lighting fixtures (cold light sources), small motors, temperature sensors, electromagnetic coils, automotive internal wiring, electronic appliances, etc.

### Technical data

Conductor: solid or stranded silver plated copper

Insulation: FEP Teflon

Temperature Range: -65°C~200°C

Rated Voltage: 600V



| Nominal section<br>( mm <sup>2</sup> ) | Number/strand<br>Diameter ( mm ) | Insulation<br>thickness ( mm ) | Nominal outer<br>diameter ( mm ) | 20 °C Maximum<br>conductor resistance<br>( Ω/km ) |
|--|----------------------------------|--------------------------------|----------------------------------|---|
| 0.014                                  | 7/0.05                           | 0.15                           | 0.45                             | 1343  |
| 0.035                                  | 7/0.08                           | 0.15                           | 0.6                              | 525   |
| 0.05                                   | 7/0.10                           | 0.15                           | 0.6                              | 330   |
| 0.08                                   | 7/0.12                           | 0.2                            | 0.78                             | 227   |
| 0.12                                   | 7/0.15                           | 0.2                            | 0.85                             | 150   |

The information contained within this data sheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

| Nominal section<br>( mm <sup>2</sup> ) | Number/strand<br>Diameter ( mm ) | Insulation<br>thickness ( mm ) | Nominal outer<br>diameter ( mm ) | 20 °C Maximum<br>conductor resistance<br>( Ω/km ) |
|--|----------------------------------|--------------------------------|----------------------------------|---|
| 0.2                                    | 7/0.20                           | 0.25                           | 1.1                              | 83.5  |
| 0.35                                   | 19/0.16                          | 0.25                           | 1.3                              | 49.5  |
| 0.5                                    | 19/0.18                          | 0.25                           | 1.4                              | 36  |
| 0.75                                   | 19/0.23                          | 0.25                           | 1.7                              | 22.7  |
| 1                                      | 19/0.26                          | 0.25                           | 1.8                              | 19  |
| 1.2                                    | 19/0.28                          | 0.3                            | 2                                | 15.3  |
| 1.5                                    | 19/0.32                          | 0.3                            | 2.2                              | 11.7  |
| 2                                      | 19/0.37                          | 0.3                            | 2.45                             | 9.45  |
| 2.5                                    | 19/0.41                          | 0.4                            | 2.95                             | 6.86  |
| 4                                      | 37/0.37                          | 0.4                            | 3.4                              | 4.51  |
| 6                                      | 37/0.45                          | 0.5                            | 4.2                              | 3.05  |
| 8                                      | 133/0.28                         | 0.5                            | 5.2                              | 2.16  |
| 10                                     | 133/0.32                         | 0.5                            | 5.8                              | 1.68  |
| 16                                     | 133/0.39                         | 0.6                            | 7                                | 1.13  |
| 20                                     | 133/0.45                         | 0.6                            | 8                                | 0.886   |
| 25                                     | 196/0.40                         | 0.6                            | 8.8                              | 0.734   |
| 35                                     | 494/0.30                         | 0.7                            | 10.4                             | 0.511   |
| 50                                     | 396/0.40                         | 0.8                            | 12.2                             | 0.358   |
| 70                                     | 551/0.40                         | 1                              | 14.6                             | 0.27  |
| 95                                     | 760/0.40                         | 1.2                            | 17.2                             | 0.21  |
| 0.03                                   | 1/0.20                           | 0.15                           | 0.5                              | 560   |
| 0.05                                   | 1/0.26                           | 0.17                           | 0.6                              | 386.9   |
| 0.07                                   | 1/0.30                           | 0.2                            | 0.7                              | 245   |
| 0.12                                   | 1/0.40                           | 0.2                            | 0.8                              | 146.9   |
| 0.2                                    | 1/0.50                           | 0.25                           | 1                                | 94  |
| 0.3                                    | 1/0.60                           | 0.3                            | 1.2                              | 65.3  |
| 0.5                                    | 1/0.80                           | 0.3                            | 1.4                              | 36.7  |
| 0.75                                   | 1/0.97                           | 0.26                           | 1.5                              | 24.7  |
| 1.13                                   | 1/1.20                           | 0.3                            | 1.8                              | 16.5  |

Note: Other specifications of wires could be customized according to your requirements.