

## Automobile Wire 80°C

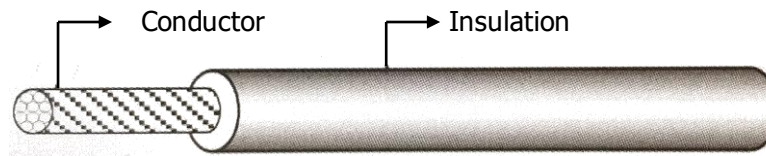
### Product Description

- Rated temperature: 80°C.
- Reference standard: SAE J 1128 / 1995.
- Tinned, bared, stranded copper conductor, 24-8AWG.
- Lead free PVC insulation, RoHS compliant.
- Passed SAE J 1128 / 1995 5.6 resist-flame test.
- Uniform thickness of wire to ensure easy cutting and stripping.

### Applications

- For internal wiring of automobiles.

### Structure & electrical properties



| STYLE | Conductor |                                     |          |              | Insulation        |                          | Packaging Length |        | MAX.COND.<br>Resistance<br>(Ω/km,20°C, DC) |
|-------|-----------|-------------------------------------|----------|--------------|-------------------|--------------------------|------------------|--------|--------------------------------------------|
|       | AWG       | Cross section<br>(mm <sup>2</sup> ) | No./mm   | DIA.<br>(mm) | Thickness<br>(mm) | Overall Diameter<br>(mm) | Ft/Coil          | M/Coil |                                            |
| TWP   | 24        | 0.22                                | 7/0.19   | 0.57         | 0.44              | 1.45                     | 2000             | 610    | 87.6                                       |
|       | 22        | 0.35                                | 7/0.254  | 0.75         | 0.43              | 1.60                     |                  |        | 55.4                                       |
|       | 20        | 0.50                                | 7/0.31   | 0.93         | 0.44              | 1.80                     |                  |        | 36.7                                       |
|       | 18        | 0.80                                | 16/0.254 | 1.17         |                   | 2.05                     |                  |        | 21.8                                       |
|       | 16        | 1                                   | 26/0.254 | 1.49         | 0.43              | 2.35                     |                  |        | 13.7                                       |
|       | 14        | 2                                   | 19/0.36  | 1.80         |                   | 2.65                     |                  |        | 8.62                                       |
|       | 12        | 3                                   | 19/0.45  | 2.25         | 0.48              | 3.20                     | 1000             | 305    | 5.43                                       |
|       | 10        | 5                                   | 19/0.57  | 2.85         | 0.53              | 3.90                     |                  |        | 3.41                                       |
|       | 8         | 8                                   | 19/0.71  | 3.55         | 0.63              | 4.80                     |                  |        | 2.14                                       |