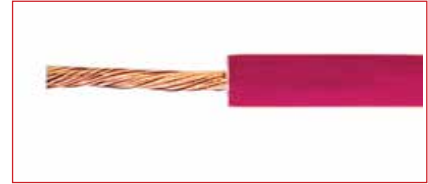


**Contact**

 Residential/Commercial/Industrial  
 Phone: 905-944-4300  
 buildingwire.canada@nexans.com

**TEW**
**Description**

CSA Spec: C22.2 No. 127  
 Size Range: 24 AWG to 4/0 AWG  
 UL Listed: Appliance Wiring-Material, AWM  
 Style 1015, 24 AWG to 9 AWG  
 File No. E-34548



Solid or Stranded Soft Bare Copper Conductor, Thermoplastic Insulation with extruded nylon jacket.

**Application**

Internal Wiring of Electrical Equipment and Lighting Fixtures.  
 Note: 105°C rating in dry locations and 60°C where exposed to oil.

**Standards**

**National CSA C22.2 N° 127**

**Characteristics**

| Construction characteristics  |        |
|-------------------------------|--------|
| Conductor material            | Copper |
| Electrical characteristics    |        |
| Maximum operating voltage     | 600 V  |
| Usage characteristics         |        |
| Maximum operating temperature | 105 °C |

| Size AWG | No. of Strands | Insulation Thickness |      | Overall Diameter |       | Conductor Ampacity | Net Cable Weight |        |
|----------|----------------|----------------------|------|------------------|-------|--------------------|------------------|--------|
|          |                | mm                   | in   | mm               | in    |                    | kg/km            | lb/kft |
| 24       | 1              | 0.8                  | 0.03 | 2.1              | 0.082 | 2                  | 6                | 4      |
| 24       | 7              | 0.8                  | 0.03 | 2.2              | 0.085 | 2                  | 6                | 4      |
| 22       | 1              | 0.8                  | 0.03 | 2.2              | 0.087 | 3                  | 8                | 5      |
| 22       | 7              | 0.8                  | 0.03 | 2.3              | 0.091 | 3                  | 8                | 5      |
| 20       | 1              | 0.8                  | 0.03 | 2.4              | 0.094 | 4                  | 10               | 7      |
| 20       | 10             | 0.8                  | 0.03 | 2.6              | 0.101 | 4                  | 10               | 7      |
| 18       | 1              | 0.8                  | 0.03 | 2.6              | 0.102 | 6                  | 13               | 9      |
| 18       | 7              | 0.8                  | 0.03 | 2.7              | 0.108 | 6                  | 13               | 9      |
| 18       | 16             | 0.8                  | 0.03 | 2.8              | 0.109 | 6                  | 13               | 9      |
| 16       | 1              | 0.8                  | 0.03 | 2.9              | 0.113 | 8                  | 18               | 12     |
| 16       | 7              | 0.8                  | 0.03 | 3.0              | 0.120 | 8                  | 20               | 13     |
| 16       | 26             | 0.8                  | 0.03 | 3.1              | 0.122 | 8                  | 20               | 13     |
| 14       | 1              | 0.8                  | 0.03 | 3.2              | 0.126 | 17                 | 27               | 18     |
| 14       | 7              | 0.8                  | 0.03 | 3.4              | 0.133 | 17                 | 28               | 19     |
| 14       | 19             | 0.8                  | 0.03 | 3.4              | 0.133 | 17                 | 27               | 18     |
| 14       | 41             | 0.8                  | 0.03 | 3.5              | 0.136 | 17                 | 28               | 19     |
| 12       | 1              | 0.8                  | 0.03 | 3.6              | 0.143 | 23                 | 39               | 26     |
| 12       | 7              | 0.8                  | 0.03 | 3.8              | 0.151 | 23                 | 40               | 27     |
| 12       | 19             | 0.8                  | 0.03 | 3.8              | 0.151 | 23                 | 40               | 27     |
| 12       | 65             | 0.8                  | 0.03 | 3.9              | 0.155 | 23                 | 40               | 27     |
| 10       | 1              | 0.8                  | 0.03 | 4.2              | 0.165 | 28                 | 58               | 39     |
| 10       | 7              | 0.8                  | 0.03 | 4.5              | 0.176 | 28                 | 61               | 41     |
| 10       | 19             | 0.8                  | 0.03 | 4.5              | 0.176 | 28                 | 61               | 41     |
| 10       | 105            | 0.8                  | 0.03 | 4.6              | 0.180 | 28                 | 63               | 42     |