

|                             |                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product SKU:</b>         | C2102.21.03                                                                                                                                                            |
| <b>Product Description:</b> | Hook-Up Wire, UL 1015, CSA TEW, Gauge Size (AWG): 20, Conductor/Strands: 10/30, Jacket: Premium Grade PVC, Temperature Range: -20Â°C to +105Â°C - Red - 1000 Ft. Spool |
| <b>Product Category:</b>    | Electronics - Hook-Up Wire - UL 1015, CSA TEW - STRANDED CONDUCTORS - Red                                                                                              |

**Product Construction:**

|             |                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor:  | <ul style="list-style-type: none"><li>• 24 thru 10 AWG</li><li>• Fully-annealed, tinned copper per ASTM B-33</li><li>• Solid or stranded</li></ul>                   |
| Insulation: | <ul style="list-style-type: none"><li>• Color Code: See chart below</li><li>• Premium grade color-coded PVC</li><li>• Temperature range: -20Â°C to +105Â°C</li></ul> |

**Product Specification:**

|                                    |                                                               |
|------------------------------------|---------------------------------------------------------------|
| Conductor Size (AWG):              | <ul style="list-style-type: none"><li>• 20</li></ul>          |
| Conductor/Strands:                 | <ul style="list-style-type: none"><li>• 10/30</li></ul>       |
| No. of Pairs:                      | <ul style="list-style-type: none"><li>• 1</li></ul>           |
| Jacket Color:                      | <ul style="list-style-type: none"><li>• Red</li></ul>         |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none"><li>• 0.032</li></ul>       |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none"><li>• 0.81</li></ul>        |
| Nominal Outside Diameter (in):     | <ul style="list-style-type: none"><li>• 0.102</li></ul>       |
| Nominal Outside Diameter (mm):     | <ul style="list-style-type: none"><li>• 2.59</li></ul>        |
| Standard Packaging:                | <ul style="list-style-type: none"><li>• 1000' Spool</li></ul> |

|                             |                                                                  |
|-----------------------------|------------------------------------------------------------------|
| Standard Package Quantity:  | <ul style="list-style-type: none"> <li>1</li> </ul>              |
| UPC #:                      | <ul style="list-style-type: none"> <li>079407768172</li> </ul>   |
| Put-up:                     | <ul style="list-style-type: none"> <li>1000</li> </ul>           |
| SCC-14:                     | <ul style="list-style-type: none"> <li>50079407768177</li> </ul> |
| Cube:                       | <ul style="list-style-type: none"> <li>338.031</li> </ul>        |
| Weight Per Unit of Measure: | <ul style="list-style-type: none"> <li>.01</li> </ul>            |
| ColorOption:                | <ul style="list-style-type: none"> <li>Red</li> </ul>            |

## Product Information:

|               |                                                                                                                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications: | <ul style="list-style-type: none"> <li>Internal wiring of electrical and electronic equipment</li> <li>Internal wiring of panels and meters</li> <li>Point-to-point wiring</li> <li>Suggested voltage rating: 600 Volts</li> </ul> |
| Compliances:  | <ul style="list-style-type: none"> <li>CSA Type TEW</li> <li>Designed to Meet UL VW-1 Vertical Wire Flame Test</li> <li>UL Style 1015 - 105°C, 600V</li> </ul>                                                                     |
| Packaging:    | <ul style="list-style-type: none"> <li>10,000 foot (3048m) Reels</li> <li>1000' (305 m) Spools</li> <li>Other put-ups available- consult Customer Service</li> </ul>                                                               |

## Reference Charts

[Color Code Chart](#)

## Technical Specifications

[Unit Conversion Factors](#)

[Cable Design Equations - Balanced Pair](#)

[Insulation and Jacket Properties](#)

[Temperature Conversion Chart](#)

[Decimal and Unit Conversion Factors](#)

[Cable Design Equations - Braid Shield](#)

[AWG Conductor Chart](#)

[Conduit Capacity Chart](#)

[Cable Design Equations - Coaxial Cable](#)

[Engineering Prefixes](#)

[Coax Connector Cross Reference](#)

[Glossary](#)

