

**Product SKU:** C3102.41.86

**Product Description:** Plenum Cable, Multi-Conductor, Unshielded, NEC Type CMP (UL) c(UL) and/or CL2P, No. of Conductors: 2, Gauge Size (AWG): 18, Conductor/Strands: 7/26 BC, Jacket: Natural Flexguard® PVC, Temperature Range: -20°C to +75°C - Natural - 1000 Ft. Reel

**Product Category:** Electronics - Plenum Cable (available with rip cords - please contact customer service) - Multi-Conductor, Unshielded-Fluoropolymer Jacket - 18 AWG CONDUCTORS - Natural



**Product Construction:**

- |             |                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor:  | <ul style="list-style-type: none"><li>• 22 thru 14 AWG fully-annealed, stranded tinned or bare copper per ASTM B3, B8 or B33</li></ul>                                                |
| Insulation: | <ul style="list-style-type: none"><li>• Premium grade, color-coded, Flexguard® PVC</li></ul>                                                                                          |
| Jacket:     | <ul style="list-style-type: none"><li>• Fluoropolymer, Natural</li><li>• Sequential footage markings to facilitate installation</li><li>• Temperature Range: -20°C to +75°C</li></ul> |

**Product Specification:**

- |                                    |                                                           |
|------------------------------------|-----------------------------------------------------------|
| No. of Conductors:                 | <ul style="list-style-type: none"><li>• 2</li></ul>       |
| Conductor Size (AWG):              | <ul style="list-style-type: none"><li>• 18</li></ul>      |
| Conductor/Strands:                 | <ul style="list-style-type: none"><li>• 7/26 BC</li></ul> |
| Jacket Color:                      | <ul style="list-style-type: none"><li>• Natural</li></ul> |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none"><li>• 0.008</li></ul>   |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none"><li>• 0.20</li></ul>    |
| Nominal Jacket Thickness (in):     | <ul style="list-style-type: none"><li>• 0.010</li></ul>   |
| Nominal Jacket Thickness (mm):     | <ul style="list-style-type: none"><li>• 0.25</li></ul>    |

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| Nominal Outside Diameter (in):   | <ul style="list-style-type: none"><li>0.123</li></ul>                                          |
| Nominal Outside Diameter (mm):   | <ul style="list-style-type: none"><li>3.12</li></ul>                                           |
| Nominal C-C Capacitance (pF/ft): | <ul style="list-style-type: none"><li>29.0</li></ul>                                           |
| Standard Packaging:              | <ul style="list-style-type: none"><li>1000' Non-returnable Wood Reels</li></ul>                |
| Standard Package Quantity:       | <ul style="list-style-type: none"><li>1</li></ul>                                              |
| UPC #:                           | <ul style="list-style-type: none"><li>079407780020</li></ul>                                   |
| Footnote:                        | <ul style="list-style-type: none"><li>Nominal Cap. A: Capacitance between conductors</li></ul> |
| Put-up:                          | <ul style="list-style-type: none"><li>1000</li></ul>                                           |
| SCC-14:                          | <ul style="list-style-type: none"><li>50079407780022</li></ul>                                 |
| Cube:                            | <ul style="list-style-type: none"><li>952.63125</li></ul>                                      |
| Weight Per Unit of Measure:      | <ul style="list-style-type: none"><li>.02</li></ul>                                            |
| ColorOption:                     | <ul style="list-style-type: none"><li>Natural</li></ul>                                        |

**Product Information:**

|               |                                                                                                                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications: | <ul style="list-style-type: none"><li>Audio systems</li><li>Background music</li><li>Intercom systems</li><li>Power limited control circuits</li><li>Suggested voltage rating: 150 Volts</li></ul> |
| Compliances:  | <ul style="list-style-type: none"><li>Designed to Meet NFPA 262 Flame Test</li><li>NEC Article 725 (UL: 75°C, 150V)</li><li>NEC Article 800 (UL: 75°C, 300V)</li></ul>                             |
| Features:     | <ul style="list-style-type: none"><li>Abrasion-, chemical- and water-resistant jacket</li></ul>                                                                                                    |

Packaging:

- 1000' (305 m) Reels
- Other put-ups available- consult Customer Service

## 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](#)



Designed to Meet UL 910  
Test For Flame Propagation  
& Smoke Density  
Underwriters Laboratories Inc.



**CAROL  
BRAND**