

**Product SKU:** C3105.41.86

**Product Description:** Plenum Cable, Multi-Conductor, Unshielded, NEC Type CMP (UL) c(UL) and/or CL2P, No. of Conductors: 2, Gauge Size (AWG): 22, Conductor/Strands: 7/30 TC, 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 - 22 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>• Color Code: See chart below</li><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>• 22</li></ul>      |
| Conductor/Strands:                 | <ul style="list-style-type: none"><li>• 7/30 TC</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>• 0.006</li></ul>   |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none"><li>• 0.15</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>• 0.089</li> </ul>
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"> <li>• 2.26</li> </ul>
Nominal C-C Capacitance (pF/ft):	<ul style="list-style-type: none"> <li>• 27.0</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>• 079407780044</li> </ul>
Footnote:	<ul style="list-style-type: none"> <li>• CL2P only</li> <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>• 50079407780044</li> </ul>
Cube:	<ul style="list-style-type: none"> <li>• 954.856</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>• 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: 75Â°C, 150V)</li> <li>• NEC Article 800 (UL: 75Â°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.



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BRAND**