

**Product SKU:** C3122.41.86

**Product Description:** Plenum Cable, Multi-Conductor, Unshielded, NEC Type CMP (UL) c(UL) and/or CL3P, No. of Conductors: 8, Gauge Size (AWG): 18, Conductor/Strands: 7/26 BC, Jacket: Natural Flexguard® PVC, Temperature Range: 0°C to +75°C - Natural - 1000 Ft. Reel

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



**Product Construction:**

- |             |  |
|-------------|--|
| Conductor:  | <ul style="list-style-type: none"><li>• 22 thru 12 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>• Flexguard® PVC, Natural</li><li>• Sequential footage markings to facilitate installation</li><li>• Temperature Range: 0°C to +60°C</li></ul> |

**Product Specification:**

- |                                    |   |
|------------------------------------|---|
| No. of Conductors:                 | <ul style="list-style-type: none"><li>• 8</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>0.015</li></ul>
Nominal Jacket Thickness (mm):	<ul style="list-style-type: none"><li>0.38</li></ul>
Nominal Outside Diameter (in):	<ul style="list-style-type: none"><li>0.239</li></ul>
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"><li>6.07</li></ul>
Nominal C-C Capacitance (pF/ft):	<ul style="list-style-type: none"><li>35.0</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>079407780242</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>50079407780244</li></ul>
Cube:	<ul style="list-style-type: none"><li>1781.00625</li></ul>
Weight Per Unit of Measure:	<ul style="list-style-type: none"><li>.06</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: 60Â°C, 150V)</li><li>NEC Article 800 (UL: 60Â°C, 300V)</li></ul>

Features:

- Easy to terminate
- Flexible

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](#)



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