

**Product SKU:** C3169.41.86

**Product Description:** Plenum Cable, Multi-Conductor, Foil Shield, NEC Type CMP (UL) c(UL)and/or CL2P, No. of Conductors: 2, Gauge Size (AWG): 16, Conductor/Strands: 19/.0117 BC, Jacket: Natural Flexguard<sup>®</sup> PVC, Temperature Range: -20<sup>°</sup>C to +60<sup>°</sup>C - Natural - 1000 Ft. Reel

**Product Category:** Electronics - Plenum Cable (available with rip cords - please contact customer service) - Multi-Conductor, Foil Shield-PVDF Jacket - 16 AWG CONDUCTORS - Natural



**Product Construction:**

- Conductor:
  - 22 thru 16 AWG fully-annealed, stranded tinned or bare copper per ASTM B3, B8 or B33
- Insulation:
  - Color Code: See chart below
  - Premium grade color-coded Flexguard <sup>®</sup>
- Shield:
  - 100% Flexfoil<sup>®</sup> aluminum/polyester foil, with 25% overlap
  - Stranded tinned copper drain wire
- Jacket:
  - Fluoropolymer, Natural
  - Sequential footage marked to facilitate installation
  - Temperature Range: -20<sup>°</sup>C to +60<sup>°</sup>C

**Product Specification:**

- No. of Conductors:
  - 2
- Conductor Size (AWG):
  - 16
- Conductor/Strands:
  - 19/.0117 BC
- Jacket Color:
  - Natural
- Nominal Insulation Thickness (in):
  - 0.008
- Nominal Insulation Thickness (mm):
  - 0.20

Nominal Jacket Thickness (in):	• 0.010
Nominal Jacket Thickness (mm):	• 0.25
Nominal Outside Diameter (in):	• 0.181
Nominal Outside Diameter (mm):	• 4.60
Nominal Capacitance (pF/ft A):	• 68.0
Nominal Capacitance (pF/ft B):	• 123.0
Standard Packaging:	• 1000' Non-returnable Wood Reels
Standard Package Quantity:	• 1
UPC #:	• 079407785278
Footnote:	<ul style="list-style-type: none"> <li>• Nominal Cap. A: Capacitance between conductors</li> <li>• Nominal Cap. B: Capacitance between one conductor and other conductors connected to shield</li> </ul>
Put-up:	• 1000
SCC-14:	• 50079407785277
Cube:	• 925.75
Weight Per Unit of Measure:	• .025
ColorOption:	• Natural

**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>
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Compliances:

- c(UL) PCC FT6
- NEC Article 725 (UL: 60°C, 150V)
- NEC Article 800 (UL: 60°C, 300V)

Features:

- Abrasion-, chemical- and water-resistant jacket

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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Test For Flame Propagation  
& Smoke Density  
Underwriters Laboratories Inc.



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