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[General Cable](#)
[C3169.41.86](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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® PVC, Temperature Range: -20°C to +60°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®

- Shield:
 - 100% Flexfoil® aluminum/polyester foil, with 25% overlap
 - Stranded tinned copper drain wire

- Jacket:
 - Fluoropolymer, Natural
 - Sequential footage marked to facilitate installation
 - Temperature Range: -20°C to +60°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: • Nominal Cap. A: Capacitance between conductors
• Nominal Cap. B: Capacitance between one conductor and other conductors connected to shield
- Put-up: • 1000
- SCC-14: • 50079407785277
- Cube: • 925.75
- Weight Per Unit of Measure: • .025
- ColorOption: • Natural

Product Information:

- Applications: • Audio systems
- Background music
- Intercom systems
- Power limited control circuits
- Suggested voltage rating: 150 Volts



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](#)



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

