

**Product SKU:** C2535.41.10

**Product Description:** Communication & Control Cable, Multi-Conductor, Foil Shield, UL 2093, NEC Type CL2 and CM (UL) c(UL) CMH, No. of Conductors: 3, Gauge Size (AWG): 18, Conductor/Strands: 10/30, Jacket: Gray PVC, Temperature Range: -20Â°C to +75Â°C - Gray - 1000 Ft. Reel

**Product Category:** Electronics - Communication & Control Cable, Multi-Conductor - Foil Shield, Various Approvals - UL STYLE 2093, CM (UL) c(UL) CMH, 300V - Gray



**Product Construction:**

- |             |   |
|-------------|---|
| Conductor:  | <ul style="list-style-type: none"><li>• 24 thru 12 AWG fully-annealed, solid or stranded tinned copper per ASTM B-33</li></ul>                                    |
| Insulation: | <ul style="list-style-type: none"><li>• Premium grade color-coded polyethylene</li></ul>  |
| Shield:     | <ul style="list-style-type: none"><li>• 100% Flexfoil® aluminum/polyester with 25% overlap, foil facing out</li><li>• Stranded tinned copper drain wire</li></ul> |
| Jacket:     | <ul style="list-style-type: none"><li>• PVC, gray</li><li>• Temperature Range: -20Â°C to +75Â°C</li></ul>   |

**Product Specification:**

- |                                    |   |
|------------------------------------|---|
| No. of Conductors:                 | <ul style="list-style-type: none"><li>• 3</li></ul>     |
| Conductor Size (AWG):              | <ul style="list-style-type: none"><li>• 18</li></ul>    |
| Conductor/Strands:                 | <ul style="list-style-type: none"><li>• 16/30</li></ul> |
| Jacket Color:                      | <ul style="list-style-type: none"><li>• Gray</li></ul>  |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none"><li>• 0.016</li></ul> |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none"><li>• 0.41</li></ul>  |
| Nominal Jacket Thickness (in):     | <ul style="list-style-type: none"><li>• 0.020</li></ul> |
| Nominal Jacket Thickness (mm):     | <ul style="list-style-type: none"><li>• 0.51</li></ul>  |

Nominal Outside Diameter (in):	<ul style="list-style-type: none"> <li>• 0.219</li> </ul>
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"> <li>• 5.56</li> </ul>
Nominal Capacitance (pF/ft A):	<ul style="list-style-type: none"> <li>• 22.0</li> </ul>
Nominal Capacitance (pF/ft B):	<ul style="list-style-type: none"> <li>• 40.0</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>• 079407715725</li> </ul>
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:	<ul style="list-style-type: none"> <li>• 1000</li> </ul>
SCC-14:	<ul style="list-style-type: none"> <li>• 50079407715722</li> </ul>
Cube:	<ul style="list-style-type: none"> <li>• 1573.9125</li> </ul>
Weight Per Unit of Measure:	<ul style="list-style-type: none"> <li>• .03</li> </ul>
ColorOption:	<ul style="list-style-type: none"> <li>• Gray</li> </ul>

**Product Information:**

Applications:	<ul style="list-style-type: none"> <li>• Broadcast and sound systems</li> <li>• Computers</li> <li>• Industrial equipment control</li> <li>• Recording studios and sound stages</li> <li>• Suggested voltage rating: 300 Volts</li> </ul>
Compliances:	<ul style="list-style-type: none"> <li>• UL Style 2093 (UL: 60°C, 300V)</li> <li>• CM(UL) c(UL) CMH, 300V</li> </ul>

Features:

- 25% shield overlap provides excellent shielding efficiency
- Excellent electrical properties
- Good flexibility
- Superior shielding effectiveness

Packaging:

- 1000' (305 m) Spools or Reels
- 500' (152 m) Spools or 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](#)

