

**Product SKU:** C2534.18.10

**Product Description:** Communication & Control Cable, Multi-Conductor, Foil Shield, UL 2092, NEC Type CL2 and CM (UL) c(UL) CMH, No. of Conductors: 2, Gauge Size (AWG): 18, Conductor/Strands: 16/30, Jacket: Gray PVC, Temperature Range: -20Â°C to +75Â°C - Gray - 500 Ft. Spool

**Product Category:** Electronics - Communication & Control Cable, Multi-Conductor - Foil Shield, Various Approvals - UL STYLE 2092, 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>• 2</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>0.205</li></ul>
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"><li>5.21</li></ul>
Nominal Capacitance (pF/ft A):	<ul style="list-style-type: none"><li>26.0</li></ul>
Nominal Capacitance (pF/ft B):	<ul style="list-style-type: none"><li>47.0</li></ul>
Standard Packaging:	<ul style="list-style-type: none"><li>500' Spool</li></ul>
Standard Package Quantity:	<ul style="list-style-type: none"><li>1</li></ul>
UPC #:	<ul style="list-style-type: none"><li>079407714445</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>500</li></ul>
SCC-14:	<ul style="list-style-type: none"><li>50079407714444</li></ul>
Cube:	<ul style="list-style-type: none"><li>843.551</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 2092 (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](#)



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