

**Product SKU:** C2543.41.10

**Product Description:** Communication & Control Cable, Multi-Conductor, Foil Shield, UL 2464, NEC Type CM (UL) c(UL), CSA CMG, No. of Conductors: 4, Gauge Size (AWG): 18, Conductor/Strands: 19/30, Jacket: Gray PVC, Temperature Range: -20Â°C to +80Â°C - Gray - 1000 Ft. Reel

**Product Category:** Electronics - Communication & Control Cable, Multi-Conductor - Foil Shield-UL2464 - Gray



**Product Construction:**

- |             |   |
|-------------|---|
| Conductor:  | <ul style="list-style-type: none"><li>• 18 AWG fully-annealed, stranded tinned copper per ASTM B-33</li></ul>   |
| Insulation: | <ul style="list-style-type: none"><li>• Color Code: See chart below</li><li>• Premium grade color coded S-R PVC</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 +80Â°C</li></ul>   |

**Product Specification:**

- |                                    |   |
|------------------------------------|---|
| No. of Conductors:                 | <ul style="list-style-type: none"><li>• 4</li></ul>     |
| Conductor Size (AWG):              | <ul style="list-style-type: none"><li>• 18</li></ul>    |
| Conductor/Strands:                 | <ul style="list-style-type: none"><li>• 19/30</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>• 0.010</li></ul> |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none"><li>• 0.25</li></ul>  |

Nominal Jacket Thickness (in):	<ul style="list-style-type: none"><li>0.032</li></ul>
Nominal Jacket Thickness (mm):	<ul style="list-style-type: none"><li>0.81</li></ul>
Nominal Outside Diameter (in):	<ul style="list-style-type: none"><li>0.238</li></ul>
Nominal Outside Diameter (mm):	<ul style="list-style-type: none"><li>6.05</li></ul>
Nominal Capacitance (pF/ft A):	<ul style="list-style-type: none"><li>50</li></ul>
Nominal Capacitance (pF/ft B):	<ul style="list-style-type: none"><li>90</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>079407714759</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>50079407714755</li></ul>
Cube:	<ul style="list-style-type: none"><li>1560.10625</li></ul>
Weight Per Unit of Measure:	<ul style="list-style-type: none"><li>.05</li></ul>
ColorOption:	<ul style="list-style-type: none"><li>Gray</li></ul>

**Product Information:**

- |               |   |
|---------------|---|
| Applications: | <ul style="list-style-type: none"><li>Audio, broadcast, instrumentation and sound systems</li><li>Suggested voltage rating: 300 Volts</li></ul> |
|---------------|---|

**Compliances:**

- CSA CMG (60°C)
- Designed to Meet UL 70,000 BTU Vertical Tray Flame Test
- NEC Article 800 Type CM (UL: 75°C)
- Passes CSA CMG Flame Test
- UL Style 2464 (UL: 80°C, 300V)

**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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