

Product SKU: C2830.41.10

Product Description: Communication & Control Cable, Multi-Conductor, Unshielded, UL 2464, NEC Type CM (UL) c(UL), CSA CMG, No. of Conductors: 2, Gauge Size (AWG): 18, Conductor/Strands: 16/30, Jacket: Gray PVC, Temperature Range: -20Â°C to +80Â°C - Gray - 1000 Ft. Reel

Product Category: Electronics - Communication & Control Cable, Multi-Conductor - Unshielded-18 AWG & 20 AWG - Gray



Product Construction:

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|-------------|--|
| Conductor: | <ul style="list-style-type: none">• 20 or 18 AWG fully-annealed, stranded tinned copper per ASTM B-33 |
| Insulation: | <ul style="list-style-type: none">• Color Code: See charts below• Premium grade color coded PVC per UL 1007 |
| Jacket: | <ul style="list-style-type: none">• PVC, gray• Temperature Range: -20Â°C to +80Â°C |

Product Specification:

- | | |
|------------------------------------|---|
| No. of Conductors: | <ul style="list-style-type: none">• 2 |
| Conductor Size (AWG): | <ul style="list-style-type: none">• 18 |
| Conductor/Strands: | <ul style="list-style-type: none">• 16/30 |
| Jacket Color: | <ul style="list-style-type: none">• Gray |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none">• 0.015 |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none">• 0.41 |
| Nominal Jacket Thickness (in): | <ul style="list-style-type: none">• 0.025 |
| Nominal Jacket Thickness (mm): | <ul style="list-style-type: none">• 0.64 |

Nominal Outside Diameter (in):	0.190
Nominal Outside Diameter (mm):	5.33
Color Code:	Black/Red
Nominal C-C Capacitance (pF/ft):	28.0
Standard Packaging:	1000' Non-returnable Wood Reels
Standard Package Quantity:	1
UPC #:	079407702091
Put-up:	1000
SCC-14:	50079407702099
Cube:	1587.71875
Weight Per Unit of Measure:	.03
ColorOption:	Gray

Product Information:

Applications:	- Intercoms - Internal telephones - Public address systems - Remote control circuits - Suggested voltage rating: 300 Volts - Suitable for EIA RS-232 applications
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Compliances:

- CSA CMG (CSA: 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)
- AWM Style 2576 (80°C, 150V)

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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