

Product SKU: C2428.41.10

Product Description: Communication & Control Cable, Multi-Conductor, Unshielded, UL 2464, NEC Type CM (UL) c(UL), CSA CMG, No. of Conductors: 15, Gauge Size (AWG): 16, Conductor/Strands: 19/.0117, Jacket: Gray PVC, Temperature Range: -20°C to +80°C - Gray - 1000 Ft. Reel

Product Category: Electronics - Communication & Control Cable, Multi-Conductor - Unshielded-12,14, & 16 AWG - NEC TYPE CM, UL STYLE 2464 (300 volts) - Gray



Product Construction:

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| Conductor: | <ul style="list-style-type: none">• 16 thru 12 AWG fully-annealed, stranded tinned copper per ASTM B-33 |
| Insulation: | <ul style="list-style-type: none">• Color Code: See chart below• Premium grade color-coded PVC |
| Wrap: | <ul style="list-style-type: none">• Mylar separator under jacket |
| Jacket: | <ul style="list-style-type: none">• PVC, gray• Temperature Range: -20°C to +80°C |

Product Specification:

- | | |
|------------------------------------|--|
| No. of Conductors: | <ul style="list-style-type: none">• 15 |
| Conductor Size (AWG): | <ul style="list-style-type: none">• 16 |
| Conductor/Strands: | <ul style="list-style-type: none">• 19/.0117 |
| Jacket Color: | <ul style="list-style-type: none">• Gray |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none">• 0.021 |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none">• 0.53 |
| Nominal Jacket Thickness (in): | <ul style="list-style-type: none">• 0.032 |

Nominal Jacket Thickness (mm):	• 0.81
Nominal Outside Diameter (in):	• 0.530
Nominal Outside Diameter (mm):	• 13.46
Nominal C-C Capacitance (pF/ft):	• 30.5
Standard Packaging:	• 1000' Non-returnable Wood Reels
Standard Package Quantity:	• 1
UPC #:	• 079407701339
Footnote:	• Nominal Cap. A: Capacitance between conductors
Put-up:	• 1000
SCC-14:	• 50079407701333
Cube:	• 7488
Weight Per Unit of Measure:	• .21
ColorOption:	• Gray

Product Information:

Applications:	<ul style="list-style-type: none"> • 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: 60Â°C)
- Designed to Meet UL 70,000 BTU Vertical Tray Flame Test
- NEC Article 725 Type CL3 (UL: 75Â°C)
- NEC Article 800 Type CM (UL: 75Â°C)
- Passes CSA CMG Flame Test
- UL Style 2464 (UL: 80Â°C, 300V)
- UL Style 2587 (UL: 90Â°C, 600V)

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

Designed to Meet
UL Vertical Tray
Flame Test

Underwriters Laboratories Inc.



CMG
Certified

Canadian Standard Association

**CAROL
BRAND**

