

This Type CMG unshielded multi-conductor communication cable features multiple color coded PVC-insulated wires in an overall gray PVC jacket. It can be used for a wide variety of applications, including intercom and security systems, sound and audio, background music, and power-limited control circuits. Compliance with CSA CMG plus additional NEC and UL styles ensures that this cable is suitable for EIA RS-232 applications and more. The individual wires in sizes from 16 AWG to 20 AWG are insulated with PVC per UL1007, and the 22 and 24 AWG wires are insulated with semi-rigid PVC per UL1061. Rated for up to 300 volts and 80 degrees Celsius, this network cable is available in two-, three-, or four-conductor versions as well as seven different lengths to best suit your project.

- Cable Type: CSA CMG Unshielded Communication Cable
- Conductors (Two, Three, or Four, Individually Insulated):
 - Conductor Material: Tinned copper
 - Available Wire Sizes: 16, 18, 20, 22, 24 AWG
 - See table below for more information
 - See diagrams below for colors
- Cable Outer Jacket: Gray PVC
- Cable Overall Diameter: See table below
- Voltage Rating: 300 V
- Temperature Rating: -20 to +80°C (-4 to +176°F)
- Approvals and Specifications Met:
 - CSA CMG (CSA: 60°C)
 - Passes UL 70,000 BTU Vertical Tray Flame Test
 - Passes CSA CMG Flame Test
 - RoHS & REACH Compliant
 - For all sizes except for Two-Conductor 18, 20, & 22 AWG:
 - NEC Article 800 Type CM (UL: 75°C)
 - UL Style 2464 (UL: 80°C, 300 V)
 - Only for Three-Cond. and Four-Cond. 18, 20, 22, & 24 AWG, plus Two-Cond. 24 AWG:
 - UL Style 2576 (UL: 80°C, 150 V)

Unshielded CMG Communication Cable 2, 3, or 4 Conductor Data Sheet

**Remington Industries
is proud to offer our
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Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

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 - Wire Processing
 - Coil Winding
 - Wire Procurement Services

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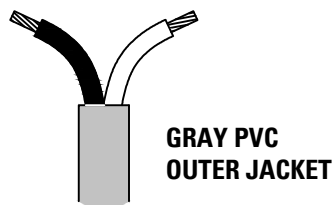
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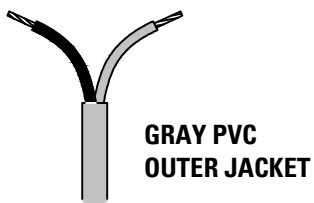
2-CONDUCTOR CABLE

16 AWG: BLACK & WHITE



**GRAY PVC
OUTER JACKET**

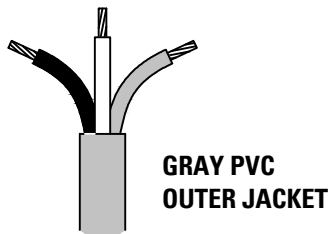
18/20/22/24 AWG: BLACK & RED



**GRAY PVC
OUTER JACKET**

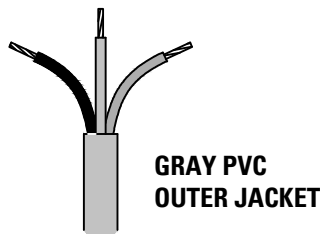
3-CONDUCTOR CABLE

16/18/20 AWG: BLACK, WHITE, & RED



**GRAY PVC
OUTER JACKET**

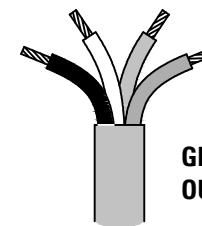
22/24 AWG: BLACK, RED, & GREEN



**GRAY PVC
OUTER JACKET**

4-CONDUCTOR CABLE

**16/18/20/22/24 AWG:
BLACK, WHITE, RED, & GREEN**



**GRAY PVC
OUTER JACKET**

INDIVIDUAL CONDUCTOR DETAILS BY WIRE SIZE

WIRE SIZE	STRANDING	WIRE INSULATION MATERIAL	WIRE OVERALL DIAMETER
16 AWG	19/29	PVC per UL1007	0.094"
18 AWG	16/30		0.080"
20 AWG	7/28		0.070"
22 AWG	7/30	Semi-Rigid PVC per UL1061	0.051"
24 AWG	7/32		0.044"

CABLE OVERALL DIAMETER BY WIRE SIZE

PART NUMBER	NUMBER OF CONDUCTORS	CABLE OVERALL DIAMETER BY WIRE SIZE				
		16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
CMG02	2	0.260"	0.190"	0.192"	0.130"	0.152"
CMG03	3	0.283"	0.236"	0.216"	0.176"	0.163"
CMG04	4	0.306"	0.258"	0.235"	0.189"	0.165"