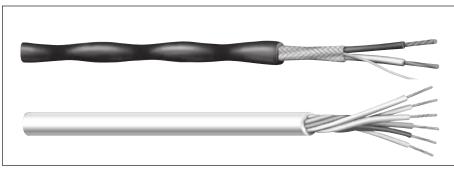
Communication & Control Cable, Multi-Conductor



The multi-conductor array of communication and control cable facilitates cable pull-ins and single-site installations.

This cable is typically used for industrial equipment control, electric valve actuation and remote signaling, as well as communications and broadcast applications. These designs are available in a wide variety of insulation and jacketing materials, as well as shield designs to alleviate unwanted circuit noise.

General Cable's Carol[®] Brand products are manufactured to meet the latest UL, CSA and NEC requirements and approvals.

A Design To Meet Every Application

PVC/PVC designs employ polyvinyl chloride insulations and jackets capable of meeting everyday, general purpose applications.

PE or PP/PVC designs employ high quality polyethylene or polypropylene insulations to assure faithful reproduction of transmitted signals across interconnection circuits.



Foamed PP/PVC designs use high speed, foamed polypropylene insulations for long distance, critical circuits, which would not perform if higher loss insulations were employed.

Rubber/Rubber is typically employed in installations characterized as severely hostile environments, where these designs provide unsurpassed service life.

Rubber/Carolprene[®] offers the ultimate performance for applications that demand the greatest protection from the environment, including physical abuse. The specially formulated Carolprene[®] jacket has been proven time and again to withstand all types of abuse, both mechanical and chemical.

Index	Page
Multi-Conductor, Unshielded	9-14
Power-Limited Tray Cable, Unshielded	15
Multi-Conductor, Rubber, Unshielded	16
Multi-Conductor, Foil Shield	17-19
Power-Limited Tray Cable, Foil Shield	20
Multi-Conductor, Spiral Shield	21
Multi-Conductor, Braid Shield	22-25
Multi-Conductor, Foil/Braid Shield	26
Multi-Conductor, Rubber, Braid Shield	27
Multi-Conductor, Carolprene,® Braid Shield	28



Multi-Conductor, Carolprene®, Braid Shield

Product Construction:

Conductor:

• 18 thru 14 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded rubber
- Color Code: See chart below

Shield:

80% tinned copper braid

Jacket:

- Carolprene[®], black
- Temperature Range: -20°C to +60°C

Applications:

- Control circuits
- Broadcast and studio applications
- Audio interconnects
- Suggested voltage rating: 300 volts

Features:

- Impact- and abrasion-resistant
- Stranded conductors for superior flexibility
- Designed to meet UL VW-1 Vertical Wire Flame Test

Compliance:

RoHS Compliant Directive 2002/95/EC

Packaging:

 Please contact Customer Service for packaging and color options



CATALOG	NO. OF	AWG	COND.	NOM. INS Thick		NOM. J Thick		NOMIN	AL 0.D.
NUMBER	COND.	SIZE	STRAND	INCHES	mm	INCHES	mm	INCHES	mm
C1202	2	18	41/34	0.020	0.51	0.035	0.89	0.295	7.49
C1203	3	18	41/34	0.020	0.51	0.035	0.89	0.305	7.75
C1204	4	18	41/34	0.020	0.51	0.035	0.89	0.330	8.38
C1206	6	18	41/34	0.020	0.51	0.035	0.89	0.370	9.39
C1208	8	18	41/34	0.020	0.51	0.035	0.89	0.420	10.67
C1210	10	18	41/34	0.020	0.51	0.035	0.89	0.425	10.80
C1212	12	18	41/34	0.020	0.51	0.065	1.65	0.555	14.10
C1602	2	16	65/34	0.025	0.64	0.035	0.89	0.335	8.51
C1603	3	16	65/34	0.025	0.64	0.035	0.89	0.355	9.02
C1604	4	16	65/34	0.025	0.64	0.035	0.89	0.385	9.78
C1606	6	16	65/34	0.025	0.64	0.040	1.02	0.445	11.30
C1608	8	16	65/34	0.025	0.64	0.040	1.02	0.510	12.95
C1612	2	14	41/30	0.030	0.76	0.040	1.02	0.395	10.03
C1614	4	14	41/30	0.030	0.76	0.040	1.02	0.455	11.56

Color Code Chart

NO. OF Cond.	COLOR	NO. OF Cond.	COLOR
1	Black	7	Yellow
2	White	8	Orange
3	Red	9	Gray
4	Green	10	Violet
5	Blue	11	White/Black
6	Brown	12	White/Red



RoHS Compliant

