

**CAROL
BRAND****ELECTRONICS
WIRE & CABLE**

■ Carol® Brand Traffic Camera Cable

General Cable provides the cabling solution for traffic management markets worldwide with its Carol® Brand Traffic Camera products offering. These IMSA-recognized cables have been engineered to effectively complement sophisticated hardware, software and image processing systems, which ultimately reduce traffic congestion and improve the safety of transit operations.

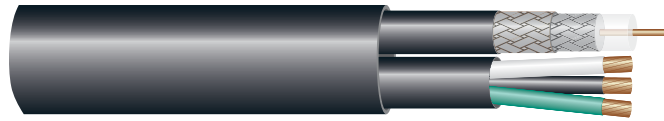
Carol® Brand Traffic Camera cables — designed to be used in traffic signal applications such as raceways, fire protective singles, loop detectors, lead-ins and other traffic control applications — are available in a variety of 600 V constructions and can be customized with options such as print legends and color.

General Cable manufactures over 1,300 standard Carol® Brand electronic cables, giving our customers the ability to participate in more diversified markets. We ship direct from stock and have the technical staff and design expertise to meet virtually any cable requirement.

Contact your General Cable Representative today.



Coaxial Cable
 Computer Cable
 Fire Alarm & Life Safety Cable
 General Purpose Cable
 Hook-Up Wire
 Irrigation
 Microphone Cable
 Multi-Conductor Communication & Control Cable
 Multi-Paired Communication & Control Cable
 Plenum Cable
 Sound & Security Cable
 Special Application Cable
 Traffic Camera Cable



Carol® Brand Traffic Camera Cable (IMSA)

CATALOG NUMBER	OVERALL JACKET & NOMINAL O.D.*		COPPER WEIGHT LBS/ MFT	COMPONENT NO.	NO. OF COND.	AWG SIZE NOM. DCR	CONDUCTORS COLOR CODE	NOM. INSULATION THICKNESS		SHIELD COVERAGE NOM. SHLD. DCR	NOM. JACKET THICKNESS		COMPONENT NOMINAL O.D.*		NOMINAL CAPACITANCE		NOMINAL IMPEDANCE	VELOCITY OF PROPAGATION	
	INCHES	mm						INCHES	mm		INCHES	mm	INCHES	mm	pF/ft	pF/m			
Composite 75 Ω Precision Video Coaxial Cable RG 59/U Type + 18/5C																			
X341667-00	Black PVC		39.87	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Foam PE		95% Bare Copper Braid	Black PE		0.242	6.147	16.80	55.00	75 Ω	82%	
	0.512	13.010						0.056	1.422		0.035	0.889							
				2	5	18 Ga. 7/26 Bare Copper 6.4 Ω/Mft	White, Red, Blue, Black, Brown	PE		—	—	—	—	—	—	20.00	74.00	70 Ω	67%
Composite 75 Ω Precision Video Coaxial Cable/Double-Braided RG 59/U Type + 16/3C + 24/4P																			
X677762-00	Black PE		71.59	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Solid PE		98% TC X 2 1.1 Ω/Mft	Black PE		0.304	7.722	20.09	68.70	75 Ω	67%	
	0.685	9.779						0.083	2.110		0.035	0.889							
								2	3		16 Ga. 19/29 Bare Copper 4.3 Ω/Mft	Black, White, Green							PVC
0.032	0.813	0.040	1.016																
				3	4 Pairs	24 Ga. 7/32 Bare Copper 23.1 Ω/Mft	Black/Red Black/White Black/Green Black/Blue	PVC		—	Black PVC Tube		0.198	5.029	26.80	87.90	40 Ω	51%	
				0.008	0.203	0.020	0.508												
Composite 75 Ω Precision Video Coaxial Cable/Double-Braided RG 59/U Type + 16/3C + 24/3P																			
X677949-00	Black PE		70.15	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Solid PE		98% TC X 2 1.1 Ω/Mft	Black PE		0.304	7.722	20.09	68.70	75 Ω	67%	
	0.722	18.339						0.083	2.110		0.035	0.889							
								2	3		16 Ga. 19/29 Bare Copper 4.3 Ω/Mft	Black, White, Green							PVC
0.032	0.813	0.040	1.016																
				3	3 Pairs	24 Ga. 7/32 Tinned Copper 23.1 Ω/Mft	White/Blue White/Orange White/Green	Foam PE		AL Polyester 24 AWG 7/32 TC	Black PVC Tube		0.265	6.731	14.00	45.90	128 Ω	82%	
				0.016	0.406	0.032	0.813												
Composite 75 Ω Precision Video Coaxial Cable/Double-Braided RG 59/U Type + 18/3C + 22/2P																			
X678413T-00	Black PVC		61.82	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Solid PE		98% TC X 2 1.1 Ω/Mft	Black PVC		0.304	7.722	20.09	68.70	75 Ω	67%	
	0.552	14.021						0.083	2.110		0.035	0.889							
								2	3		18 Ga. 7/26 Bare Copper 6.4 Ω/Mft	Black, White, Green							PVC
0.015	0.381	0.018	0.457																
				3	2 Pairs	22 Ga. 7/30 Bare Copper 14.8 Ω/Mft	Brown/Orange Blue/Yellow	PP		AL Polyester 24 AWG 7/32 TC	Gray PVC		0.185	4.699	15.00	49.00	121 Ω	67%	
				0.016	0.406	0.025	0.635												
Composite 75 Ω Precision Video Coaxial Cable/Double-Braided RG 59/U Type + 16/3C																			
I59PVCC-00**	Black PE		59.86	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Solid PE		98% TC X 2 1.1 Ω/Mft	Black PE		0.304	7.722	20.90	68.70	75 Ω	67%	
	0.592	15.037						0.083	2.110		0.035	0.889							
				2	3	16 Ga. 19/29 Bare Copper 4.3 Ω/Mft	Black, White, Green	PVC		—	Black PVC		0.340	8.636	19.00	62.30	80 Ω	51%	
				0.032	0.813	0.040	1.016												
75 Ω Precision Analog & Digital Video Direct Burial Coaxial Cable RG 59/U, 20 AWG Solid BC																			
I201P59D-00	Black PE		30.16	1	1	20 Ga. Solid Bare Copper 10.2 Ω/Mft	Natural	Solid PE		98% TC X 2 1.1 Ω/Mft	Black PE		0.304	7.722	20.90	68.70	75 Ω	67%	
	0.304	7.72						0.083	2.110		0.035	0.889							

*+/- .005"

**Some states require the use of this Composite construction. Some states also require the Coaxial and 16/3 Control cables to be separate. The Coax may be ordered as I201P59D-00. Please consult with your Inside Sales associate.

Benefits:

- Easy termination
- Superior clarity

Applications:

- Raceways
- Fire protective singles
- Loop detectors
- Lead-in detectors
- Traffic control cables for Iteris® video detection systems

Features:

- Combined video and power cables
- Combined video and audio cables
- 75 ohm precision
- Double-braided coaxial cable

Compliance:

- IMSA recognized. Please contact your sales representative for more information.



4 Tesseneer Drive, Highland Heights, Kentucky 41076-9753

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Phone: 1.888.295.5896

1.859.572.8000

Fax: 1.800.547.8249

www.generalcable.com

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