

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

■ Carol® Brand Composite Access Control Cable

General Cable's **Carol® Brand Composite Access Control Cable** is manufactured for use in Building Access & Control. The cable is designed to allow for a single cable run that incorporates the four components required for card readers, door contacts, locking power and retinal scanners in commercial buildings, distribution centers, manufacturing facilities and government buildings.

The cables are installer friendly, as they save time and money on installation. With multiple cables under one jacket, time is saved in preparation and setup, pulling and termination. The convenience of these cables at installation makes them a popular choice for multiple Access Control applications.

When your job requires Access Control cable, think of Carol® Brand cables first. Remember, you can always **Demand Better...Expect More™** with General Cable Carol® Brand Electronic Cables. We manufacture over 1,300 standard electronic cables that we can ship direct from stock, and we have the technical staff and design expertise to meet any custom cable requirement.



Special Application Cable

Hook-Up Wire

Plenum Cable

Coaxial Cable

Microphone Cable

Computer Cable

General Purpose Cable

Multi-Conductor Communication & Control Cable

Multi-Paired Communication & Control Cable

Fire Alarm Cable

Sound & Security Cable

Carol® Brand Composite Access Control Cable

Carol® Brand Composite Access Control Cable—Plenum (3) Multi-Conductors • (1) Multi-Pair • Overall Jacket 60°C 300 Volt (UL) & C(UL) Type CMP

Catalog Number	Overall Nominal OD Inch (mm)	Component No.	Component Descriptions	Conductors Color Code	Component Nominal OD Inch (mm)	Insulation Thickness Inch (mm)
4EPL4S	0.430	1	4 Cond, 18 AWG, Shielded	White, Black, Red, Green	0.180 (4.572)	0.008 (0.2032)
		2	3 Pair, 22 AWG, Shielded	White & Green, Orange & Brown, Red & Black	0.195 (4.93)	0.008 (0.2032)
		3	2 Cond, 22 AWG, Shielded	Red, Black	0.125 (3.175)	0.008 (0.2032)
		4	4 Cond, 22 AWG, Shielded	White, Black, Red, Green	0.145 (3.683)	0.008 (0.2032)
4EPL1S	0.420	1	4 Cond, 18 AWG, Unshielded	White, Black, Red, Green	0.180 (4.572)	0.008 (0.2032)
		2	3 Pair, 22 AWG, Shielded	White & Green, Orange & Brown, Red & Black	0.195 (4.93)	0.008 (0.2032)
		3	2 Cond, 22 AWG, Unshielded	Red, Black	0.125 (3.175)	0.008 (0.2032)
		4	4 Cond, 22 AWG, Unshielded	White, Black, Red, Green	0.145 (3.683)	0.008 (0.2032)

Product Construction:

Component Conductors • Stranded Bare Copper

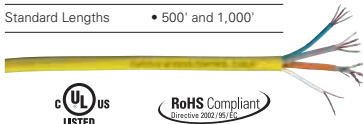
Jacket • Flexguard® PVC
• Temp. Range 0°C to 60°C

Jacket Color • Yellow

Jacket Marking • XXXXXX FEET CAROL® ACCESS CONTROL CABLE E116394 22 AWG 12C & 18 AWG 4C (UL) C(UL) CMP - AAAAAA

Industry Approvals • (UL), c(UL) Communications Cable

Standard Lengths • 500' and 1,000'



Carol® Brand Composite Access Control Cable—Riser (3) Multi-Conductors • (1) Multi-Pair • Overall Jacket 60°C 300 Volt (UL) & C(UL) Type CMR

Catalog Number	Overall Nominal OD Inch (mm)	Component No.	Component Descriptions	Conductors Color Code	Component Nominal OD Inch (mm)	Insulation Thickness Inch (mm)
4ERS4S	0.430	1	4 Cond, 18 AWG, Shielded	White, Black, Red, Green	0.180 (4.572)	0.008 (0.2032)
		2	3 Pair, 22 AWG, Shielded	White & Green, Orange & Brown, Red & Black	0.195 (4.93)	0.008 (0.2032)
		3	2 Cond, 22 AWG, Shielded	Red, Black	0.125 (3.175)	0.008 (0.2032)
		4	4 Cond, 22 AWG, Shielded	White, Black, Red, Green	0.145 (3.683)	0.008 (0.2032)
4ERS1S	0.420	1	4 Cond, 18 AWG, Unshielded	White, Black, Red, Green	0.180 (4.572)	0.008 (0.2032)
		2	3 Pair, 22 AWG, Shielded	White & Green, Orange & Brown, Red & Black	0.195 (4.93)	0.008 (0.2032)
		3	2 Cond, 22 AWG, Unshielded	Red, Black	0.125 (3.175)	0.008 (0.2032)
		4	4 Cond, 22 AWG, Unshielded	White, Black, Red, Green	0.145 (3.683)	0.008 (0.2032)

Product Construction:

Component Conductors • Stranded Bare Copper

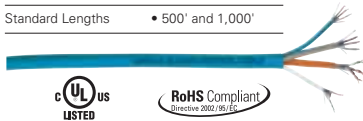
Jacket • PVC
• Temp. Range -20°C to 60°C

Jacket Color • Blue

Jacket Marking • XXXXXX FEET CAROL® ACCESS CONTROL CABLE E116394 22 AWG 12C & 18 AWG 4C (UL) C(UL) CMR - AAAAAA

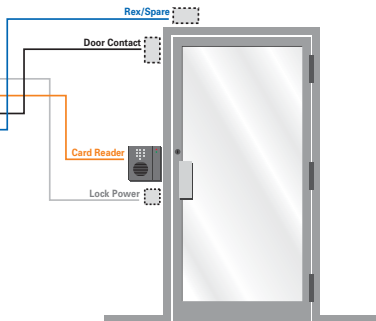
Industry Approvals • (UL), c(UL) Communications Cable

Standard Lengths • 500' and 1,000'



Jacket Color Coding & Component Application

Jacket Color	Component	Cable Type	Application
Gray	1	4 Conductor, 18 AWG	Lock Power
Orange	2	3 Pair, 22 AWG	Card Reader
White	3	2 Conductor, 22 AWG	Door Contact
Blue	4	4 Conductor, 22 AWG	Rex / Spare



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