



Prysmian Group's **CAROL® Composite Access Control Cable** is manufactured for 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, saving time and money on installation. With multiple cables under one jacket, time is saved in preparation, 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 cables, think of CAROL® cables first. Remember, you can always ***Demand Better...Expect More™*** with Prysmian Group CAROL® 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® Composite Access Control Cables



## CAROL® Composite Access Control Cables – 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)	Comp. 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 (4.993)	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 (4.993)	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® Composite Access Control Cables – 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)	Comp. 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 (4.993)	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 (4.993)	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

