These composite cables feature two, easy-to-install innovations: there's no overall jacket to strip off and the four individual cables have color-coded and application-printed jackets for quick and easy identification and termination.

To Help Ensure Limited Access Into A Secure Area, Specify Belden® Access Control Banana Peel™ Composite Cables

Belden Access Control Banana Peel Composite cables enable more cost-effective security installations, since they offer the installers of access control devices — including electronic identification equipment such as card readers, retina scanners and hand-scanning devices — a host of labor-saving and easy-identification features. Whether your installation takes place in a commercial building, a hospital, school, corporate site or government facility, Belden Access Control cables bring a whole new level of ease and convenience to the work site.

Features and Benefits

In general, the use of composite cables will decrease your labor costs since they are easier and quicker to install than the more labor-intensive procedure of bundling and pulling individual cables. But Belden Access Control Banana Peel Composite cables go a step further by being both easier and faster to install than traditional composite cables.

Unlike other composite cables, Belden Access Control cables offer the following:

> No overall jacket — Banana Peel cables feature a patent-pending design that affixes the individual cables to a center spline, eliminating the need for an overall jacket.

> The absence of the overall jacket eliminates a whole step in the termination process: the stripping of the jacket.

> Without the overall jacket, the individual cable components are all instantly identifiable and ready for termination. (Just peel the individual cables off the center spline and they're ready.)

> The elimination of the outer jacket means that Banana Peel cables have a smaller OD than traditional composites. This improves the cable's overall bend radius for faster, easier installation. A smaller OD also means a smaller size conduit.

> Breakout versatility is assured since the individual cables can be connected to the junction box or they can be rerouted to the application site.

> Short circuits, caused by contact with the center conductor while stripping off the outer jacket, can be prevented.

> The individual cables are color-coded by application for easy identification so termination problems due to incorrect choice of cable are minimized.

> To ensure correct cable choice, Belden Access Control cables have the application printed on the individual cable components: Lock Power, Card Reader, Door Contact and Request Exit (Rex/Spare). *See table on page 2.*

Availability

Belden Access Control Banana Peel Composite cables are available in both Plenum-Rated (Part Number 658AFS) and Riser-Rated (Part Number 558AFS) versions. The individual cable jackets are sequentially marked at two foot intervals and the cables are available in 1000 ft/305m put-ups.

NEW GENERATION®

Composite Access Control Cable
Banana Peel™ Jacketless Cables
Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials	Insulation Material & Color Code	Insulation Thickness		Component Jacket Material & Color	Component Nom. OD	
			Ft.	m	Lbs.	kg	Inch	mm				Inch	mm		Inch	mm
Composite • (3) Shielded Multi-Conductors • (1) Shielded Multi-Pair																
PVC Insulation • PVC Jackets • No Overall Jacket																
NEC Article 800 **558AFS**		NEC: CMR CEC: CMG FT4	1000	305	100	45.5	.466	11.84	(1) 4-Cond. 18 AWG Stranded Bare Copper Shielded	Beldfoil®	PVC White, Black, Red, Green	.010	.254	PVC Gray	.202	5.13
									(1) 3-Pair 22 AWG Stranded Bare Copper Shielded	Beldfoil	PVC White & Green, Orange & Brown, Red & Black	.010	.254	PVC Orange	.233	5.92
									(1) 2-Cond. 22 AWG Stranded Bare Copper Shielded	Beldfoil	PVC Red, Black	.010	.254	PVC White	.140	3.56
									(1) 4-Cond. 22 AWG Stranded Bare Copper Shielded	Beldfoil	PVC White, Black, Red, Green	.010	.254	PVC Blue	.161	4.09

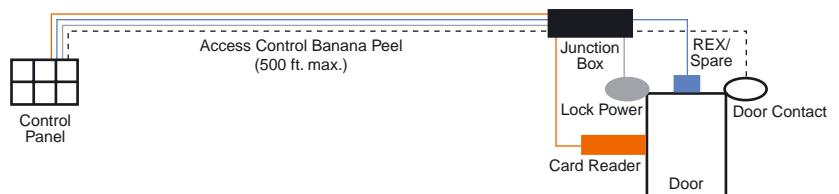Individual gray jacket sequentially marked at 2 ft. intervals.

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Overall Nom. OD		Component Descriptions	Shielding Materials	Insulation Material & Color Code	Insulation Thickness		Component Jacket Material & Color	Component Nom. OD	
Plenum • Flamarrest® Insulation • Flamarrest Jackets • No Overall Jacket																
NEC Article 800 **658AFS**		NEC: CMP CEC: CMP FT6	1000	305	134	61	.435	11.05	(1) 4-Cond. 18 AWG Stranded Bare Copper Shielded	Beldfoil	Flamarrest White, Black, Red, Green	.009	.229	Flamarrest Gray	.191	4.85
									(1) 3-Pair 22 AWG Stranded Bare Copper Shielded	Beldfoil	Flamarrest White & Green, Orange & Brown, Red & Black	.009	.229	Flamarrest Orange	.223	5.66
									(1) 2-Cond. 22 AWG Stranded Bare Copper Shielded	Beldfoil	Flamarrest Red, Black	.009	.229	Flamarrest White	.131	3.33
									(1) 4-Cond. 22 AWG Stranded Bare Copper Shielded	Beldfoil	Flamarrest White, Black, Red, Green	.009	.229	Flamarrest Blue	.150	3.81

Individual gray jacket sequentially marked at 2 ft. intervals.

Individual Cable Jacket Color Coding System

Jacket Color	Print Legend	Cable Type
Gray	Lock Power	4/C, 18 AWG, Shielded
Orange	Card Reader	3/P, 22 AWG, Shielded
White	Door Contact	2/C, 22 AWG, Shielded
Blue	Rex/Spare	4/C, 22 AWG, Shielded

How Does the Access Control Panel Look?

Control Panel — Access Control Banana Peel (500 ft. max.) — Junction Box — REX/Spare — Lock Power — Door Contact — Card Reader — Door