



Product: [658GMS](#) 

Access Control, 18c (#22-6c Foil, #22-4c, #22-4c, #18-4c), CMP, Banana Peel®

Product Description

Access Control Cable, Plenum-CMP, 6-22 AWG conductors with Beldfoil® shield, 4-22 AWG conductors, 4-22 AWG conductors, 4-18 AWG conductors, All conductors stranded bare copper with Flamarrest® insulation, Each cable has Flamarrest® jacket, Banana Peel® No overall jacket

Technical Specifications

Product Overview

Product Category:	Access Control
Suitable Applications:	Access Control, Security System, Power Limited Controls
Patent:	https://www.belden.com/resources/patents

Construction Details

Conductor

Cable Description	Element	Number of Element	AWG	Stranding	Material
Card Reader	Conductor(s)	6	22	7x30	BC - Bare Copper
Door Contact	Conductor(s)	4	22	7x30	BC - Bare Copper
REX / Spare	Conductor(s)	4	22	7x30	BC - Bare Copper
Lock Power	Conductor(s)	4	18	7x26	BC - Bare Copper

Insulation

Cable Description	Element	Material	Color
Card Reader	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	Black, Red, White, Green, Brown, Blue
Door Contact	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	Black, Red, White, Green
REX / Spare	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	Black, Red, White, Green
Lock Power	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	Black, Red, White, Green

Inner Shield Material

Cable Description	Element	Type	Material	Coverage	Drain Type
Card Reader	Conductor(s)	Tape	Alum / Poly	100 %	7x32 - TC
Door Contact	Conductor(s)	No Shield			
REX / Spare	Conductor(s)	No Shield			
Lock Power	Conductor(s)	No Shield			

Outer Shield Material

Type	Material	Coverage
Tape	Alum / Poly + No Shield	100%

Inner Jacket Material

Cable Description	Element	Material	Nominal Diameter	Ripcord	Color
Card Reader	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.179 in	Yes	Orange
Door Contact	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.147 in	Yes	White
REX / Spare	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.147 in	Yes	Blue
Lock Power	Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.19 in	Yes	Gray

Outer Jacket Material

Material	Nominal Diameter
None	0.401 in

OuterJacket1, Table Note: Banana Peel®

Electrical Characteristics

Electricals

Cable Description	Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Max. Current
Card Reader	Conductor(s)	16.4 Ohm/1000ft	13.9 Ohm/1000ft	33 pF/ft		2.2A @ 25C ambient
Door Contact	Conductor(s)	16.4 Ohm/1000ft		25 pF/ft		2.2A @ 25C ambient
REX / Spare	Conductor(s)	16.4 Ohm/1000ft		25 pF/ft		2.2A @ 25C ambient
Lock Power	Conductor(s)	6.5 Ohm/1000ft	13.9 Ohm/1000ft	30 pF/ft	60 pF/ft	4A @ 25C ambient

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.
4 in

Max Recommended Pulling Tension:	217 lbs
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Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Sustainability:	Environmental Product Declaration (EPD)=Yes, Product Lens(TM)=Yes, CA Prop 65 (CJ for Wire and Cable)=Yes
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS 2

Product Notes

Notes:	Cold environment installation: When installing cables that have been stored at ambient temperatures of 32 degrees Fahrenheit (0 degrees Centigrade) or lower, Belden recommends conditioning of the cable for 12 hours at room temperature prior to individual cable leg separation.
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History

Update and Revision:	Revision Number: 0.266 Revision Date: 05-07-2020
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