



<b>PART NUMBER:</b>	<b>AC251822B</b>
<b>DESCRIPTION:</b>	Access Control Composite Cable: Card Reader Cable, REX Cable, Lock Power Cable, Door Contact Cable. Overall Jacket
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) C(UL) Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums and other spaces used for environmental air for: (Access Control)

### Construction Parameters: Card Reader

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Polymer Alloy Thermoplastic
Insulation Thickness	PVC: 0.010" Nom.
Number of Conductors	6
Shield	Overall Shield
Drain	Yes
Jacket Material	Plenum PVC
Jacket Thickness	.015"
Overall Cable Diameter	0.182" Nom.
Jacket Color	Orange

### Electrical Parameters: Card Reader

Nom. D.C.R.	17 ohms/1000ft
Nom. Capacitance pf/ft.	55pf/ft*, 99pf/ft**
	<ul style="list-style-type: none"><li>• Capacitance between conductors</li><li>• Capacitance between one conductor and the other to the shield</li></ul>

### Construction Parameters: Door Contact

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Polymer Alloy Thermoplastic
Insulation Thickness	PVC: 0.010" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	Plenum PVC
Jacket Thickness	.015"
Overall Cable Diameter	0.110" Nom.
Jacket Color	White

### Electrical Parameters: Door Contact

Nom. D.C.R.	17 ohms/1000ft
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### Construction Parameters: Request to Exit

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Polymer Alloy Thermoplastic
Insulation Thickness	PVC: 0.010" Nom.
Number of Conductors	4
Shield	None
Drain	None
Jacket Material	Plenum PVC
Jacket Thickness	.015"
Overall Cable Diameter	0.148" Nom.
Jacket Color	Blue

### Electrical Parameters: Request to Exit

Nom. D.C.R.	17 ohms/1000ft
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### Construction Parameters: Lock Power

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	Polymer Alloy Thermoplastic
Insulation Thickness	PVC: 0.010" Nom.
Number of Conductors	4
Shield	None
Drain	None
Jacket Material	Plenum PVC
Jacket Thickness	.015"
Overall Cable Diameter	0.189" Nom.
Jacket Color	Gray

### Electrical Parameters: Lock Power

Nom. D.C.R.	6.2 ohms/1000ft
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### Overall Cable Assembly:

Overall Cable Diameter	.425"
All conductor Colors	Black, Red, White, Green, Brown, Blue
Jacket Color	Yellow
RoHS Compliant	Yes

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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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