

**AC251822B**

2 COND.22AWG + 4 COND.18AWG + 4 COND.22AWG. + 6 COND.22AWG SHLD. FLEX PLENUM Yellow Jacket

Access Control Complete Design: Reader, Lock Power, REX, Door Contact

**Construction & Dimenstions**

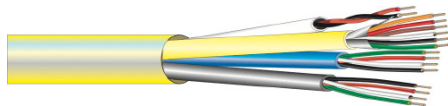
Component	Card Reader	Door Contact	Request To Exit	Lock Power
<b>CONDUCTOR PARAMETER</b> -				
Number of Conductors	6	2	4	4
AWG Size	22	22	22	18
Conductor Stranding	7x30	7x30	7x30	7x26
Conductor Type	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Nominal DCR	17 Ohm/1000ft	17 Ohm/1000ft	17 Ohm/1000ft	6.2 Ohm/1000ft
<b>INSULATION PARAMETER</b> -				
Insulation Type	Plenum PVC	Plenum PVC	Plenum PVC	Plenum PVC
Insulation Thickness	0.007 in	0.007 in	0.007 in	0.007 in
Insulation Color Code	1.Black,2.Red,3.White,4.Green,5. Brown,6.Blue	1. Black 2.Red	1.Black,2.Red,3.White,4.Green	1.Black,2.Red,3.White,4.Green
<b>SHIELDING PARAMETER</b> -				
Shield Type	Overall 100% Aluminum Foil	None	None	None
Drain Wire Type	Tinned Copper			
Drain Wire AWG	24 AWG			
<b>ELECTRICAL CHARACTERISTICS</b> -				
Nom. Cap. Between Conductors	55 pF/ft			
Nom. Cap. Conductor to Shield	99 pF/ft			
<b>INNER JACKET COLOR</b>	Orange	White	Blue	Gray

**Overall Construction**

<b>OVERALL CONSTRUCTION PARAMETERS</b> -	
Total Number of Conductors	16
Jacket Type	Flexible Plenum
Nominal Cable O.D.	0.425 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	3.825 in
Cable Weight	97 lbs

**Overall Electrical & Optical Characteristics**

<b>OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS</b> -	
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



**AC251822B**

**Related Products**

RELATED PRODUCTS	
Non Plenum Number	AC1822

**Part Numbers**

Part Numbers	
AC251822BYE1000	Yellow Jacket   1000ft Wooden Reel
AC251822BYE500	Yellow Jacket   500ft Wooden Reel