



AQC 1822

Access Control Composite Cable Indoor/Outdoor Aquaseal
Access Control Complete Design: Reader, Lock Power, REX, Door Contact



Construction & Dimensions

CONSTRUCTION & DIMENSIONS				
Component	Card Reader	Door Contact	Request To Exit	Lock Power
CONDUCTOR PARAMETER				
• 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
INSULATION PARAMETER				
• Insulation Type	PVC	PVC	PVC	PVC
• Insulation Thickness	0.010 in	0.010 in	0.010 in	0.010 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
SHIELDING PARAMETER				
• Shield Type	Overall 100% Aluminum Foil + Aquaseal	Aquaseal Water Blocking Tape	Aquaseal Water Blocking Tape	Aquaseal Water Blocking Tape
• Drain Wire Type	Tinned Copper			
• Drain Wire AWG	24 AWG			
ELECTRICAL CHARACTERISTICS				
• Nom. Cap. Between Conductors	55 pF/ft			
• Nom. Cap. Conductor to Shield	99 pF/ft			
INNER JACKET PARAMETERS				
Component	Card Reader	Door Contact	Request To Exit	Lock Power
Inner Jacket OD	0.172 in	0.114 in	0.139 in	0.183 in
Inner Jacket Color	Orange	White	Blue	Gray

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	16
Jacket Type	UV Resistant PVC
Nominal Cable O.D.	0.625 in
NEC UL Rating	CM
RoHS Compliant	Yes
Bend Radius	5.12 in
Cable Weight	110 lbs



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Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	UL1685
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300 V

Related Products

RELATED PRODUCTS	
Plenum Number	AC251822B
Non Plenum Number	AC1822