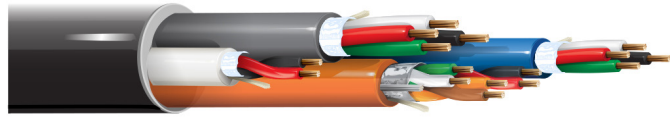


Product: **AQC1822**
 16 Conductor Indoor/Outdoor Access Control CM Rated



Component	Card Reader	Door Contact	Request To Exit	Lock Power
CONDUCTOR PARAMETERS				
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 Ω/1000 ft	17 Ω/1000 ft	17 Ω/1000 ft	6.2 Ω/1000 ft
INSULATION PARAMETERS				
Insulation Type	PVC	PVC	PVC	PVC
Insulation Thickness	.011 in	.010 in	.010 in	.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 PARAMETERS				
Shield Type	100% Aluminum Foil Data Pair + Water Blocking Tape	Water Blocking Tape	Water Blocking Tape	Water Blocking Tape
Drain Wire Type	Tinned Copper	—	—	—
Drain Wire AWG	24 AWG 7x32	—	—	—
ELECTRICAL CHARACTERISTICS				
Nom. Cap. Between Conductors	55 pf/ft	27 pf/ft	27 pf/ft	34 pf/ft
Nom. Cap. Conductor to Shield	99 pf/ft	—	—	—
INNER JACKET COLOR	Orange - .172 in	White - .114 in	Blue - .139 in	Gray - .183 in

OVERALL CONSTRUCTION PARAMETERS	
Total No. of Conductors	16
Jacket Type	PVC - UV Resistant
Nom. Cable O.D.	.465 in
Plenum	No
NEC UL Rating	CM Indoor/Outdoor
RoHS Compliant	Yes
Bend Radius	5.2 in
Cable Weight	110 lbs

OVERALL ELECTRICAL CHARACTERISTICS	
UL Flammability	UL 1685
Operating Range	-20 to 60°C
UL Voltage Rating	300