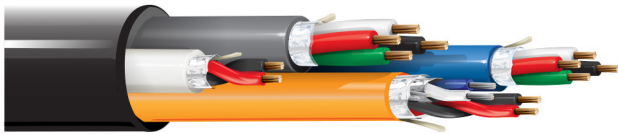


Product: **AQCOSDP**

14 Conductor Indoor/Outdoor OSDP Access Control CM Rated



Component	Card Reader OSDP	Door Contact	Request To Exit	Lock Power
CONDUCTOR PARAMETER				
Number of Conductors	4 Total: Data: 1 Pr, PWR: 2 Cond	2	4	4
AWG Size	Data: 22 AWG, PWR: 18 AWG	22	22	18
Conductor Stranding	Data: 7x30, PWR: 7x26	7x30	7x30	7x26
Conductor Type	Data: Tinned Copper, PWR Bare Copper	Bare Copper	Bare Copper	Bare Copper
Nominal DCR	Data: 17 Ω/1000 ft PWR: 6.2 Ω/1000 ft	16.4 Ω/1000 ft	16.4 Ω/1000 ft	6.2 Ω/1000 ft
INSULATION PARAMETER				
Insulation Type	Data: Foam PE, PWR: PVC	PVC	PVC	PVC
Insulation Thickness	Data: .029 in, PWR: .012 in	.010 in	.010 in	.010 in
Insulation Color Code	Data: 1. Blue, 2. White PWR: 1. Black, 2. Red	1. Black, 2. Red	1. Black, 2. Red,	1. Black, 2. Red
SHIELDING PARAMETER				
Shield Type	100% Aluminum Foil + Waterblocking Tape	Waterblocking Tape	Waterblocking Tape	Waterblocking Tape
Drain Wire Type	Tinned Copper	-	-	-
Drain Wire AWG	22 AWG 7x30 TC	-	-	-
ELECTRICAL CHARACTERISTICS				
Nom. Cap. Between Conductors	13.5 pf/ft	27 pf/ft	27 pf/ft	34 pf/ft
Nom. Cap. Conductor to Shield	25 pf/ft	-	-	-
Nom. Impedance	120 Ω	-	-	-
INNER JACKET COLOR CODE	.272 in Orange	.168 in White	.187 in Blue	.233 in Gray

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	14
Jacket Type	PVC - UV Resistant
Nominal Cable O.D.	.592 in
Plenum	No
NEC UL Rating	CM Indoor/Outdoor
RoHS Compliant	Yes
Bend Radius	5.6 in
Cable Weight	108 lbs

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