

Product: **BPOSDP**

OSDP Access Control Unjacketed Peel Design CMP
Access Control - OSDP Readers



Component	Card Reader OSDP	Door Contact	Request to Exit	Lock Power
Conductor Parameter				
No. of Conductors	2 Power	2	4	4
No. of Pairs	1 Pair Data	-	-	-
AWG Size	18 AWG Power 24 AWG Data	22	22	18
Conductor Stranding	7x26 Power 7x32 Data	7x30	7x30	7x26
Conductor Type	BC Power TC Data	Bare Copper	Bare Copper	Bare Copper
Nom. DCR	6.2 Ω Power 26 Ω Data	17 Ω/1000 ft	17 Ω/1000 ft	6.2 Ω/1000 ft
Insulation Parameter				
Insulation Type	PVC Power Foam FEP Data	Plenum PVC	Plenum PVC	Plenum PVC
Insulation Thickness	.012 in Power .025 in Data	.007 in	.007 in	.008 in
Insulation Color Code	Black, Red Power Blue, White Data	1. Black, 2. Red	1. Black, 2. Red, 3.White, 4. Green	1. Black, 2. Red, 3.White, 4. Green
Shielding Parameter				
Shield Type	100% Aluminum Foil Data Pair	None	None	None
Drain Wire Type	Tinned Copper	-	-	-
Drain Wire AWG	24 AWG 7x32	-	-	-
Electrical Characteristics				
Nom. Impedance	120 Ω	-	-	-
Nom. Cap. Between Cond.	13.5 pf/ft	27 pf/ft	27 pf/ft	34 pf/ft
Nom. Cap. Conductor to Shield	24 pf/ft	-	-	-
Inner Jacket Color Code	Orange	White	Blue	Gray

CONSTRUCTION PARAMETERS	
Total No. of Conductors	14
Jacket Type	None - Banana Peel Design
Nom. Cable O.D.	.455
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	4.5
Cable Weight	102

ELECTRICAL CHARACTERISTICS	
UL Flammability	NFPA 262 Plenum
Operating Range	0°C to 60°C (32°F to 140°F)
UL Voltage Rating	300 V