

Product: **1PR2218P**

OSDP – 1 Pair 22 AWG Shield + 18/2 Overall CMP Jacket

Access Control - OSDP Readers



Component	OSDP Reader	Power
CONDUCTOR PARAMETERS		
Number of Conductors	—	2
Number of Pairs	1	—
AWG Size	22	18
Conductor Stranding	7x30	7x32
Conductor Type	Tinned Copper	Bare Copper
Nominal DCR	17 Ω	6.2 Ω /1000 ft
INSULATION PARAMETERS		
Insulation Type	Foam FEP	Plenum PVC
Insulation Thickness	.025 in	.021 in
Insulation Color Code	1. Blue, 2. White	1. Black, 2. Red
SHIELDING PARAMETERS		
Shield Type	100% Al. Foil Data Pair	None
Drain Wire Type	Tinned Copper	—
Drain Wire AWG	24 AWG 7x32	—
ELECTRICAL CHARACTERISTICS		
Nominal Impedance	120 Ω	—
Nominal Capacitance Between Conductors	13.5 pf/ft	27 pf/ft
Nominal Capacitance Conductor to Shield	24 pf/ft	—

OVERALL CONSTRUCTION PARAMETERS	
Total No. of Conductors	4
Jacket Type	Plenum PVC
Jacket Thickness	.020 in
Nom. Cable O.D.	.221 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	2.0 in
Pull Tension	55 lbs/f
Cable Weight	37 lbs

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	NFPA 262 Plenum
Operating Range	0 to 60°C
UL Voltage Rating	300