

1PR2418P

1 Pair 24AWG Shld + 18/2 Unshld Overall Plenum Jacket
 OSDP with Power: - RS-485 Serial Data

Construction & Dimensions

CONSTRUCTION & DIMENSIONS		
Component	Data Pair - RS-485	Power
CONDUCTOR PARAMETER		
• Number of Conductors		2
• Number of Pairs	1	
• AWG Size	24	18
• Conductor Stranding	7x32	7x26
• Conductor Type	Tinned Copper	Bare Copper
• Nominal DCR	26 Ohm/1000ft	6.2 Ohm/1000ft
INSULATION PARAMETER		
• Insulation Type	Foam FEP	Plenum PVC
• Insulation Thickness	0.025 in	0.012 in
• Insulation Color Code	1. Blue 2.Blue-White	1. Black 2.Red
SHIELDING PARAMETER		
• Shield Type	Overall 100% Aluminum Foil	None
• Drain Wire Type	Tinned Copper	
• Drain Wire AWG	24 AWG	
ELECTRICAL CHARACTERISTICS		
• Nominal Impedance	120 Ohm	
• Nom. Cap. Between Conductors / Conductor to Shield	13.5 pF/ft /24pF/ft	

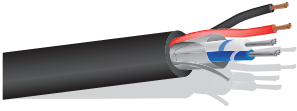
Overall Construction

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	4
Jacket Type	Flexible Plenum
Jacket Thickness	0.20 in
Nominal Cable O.D.	0.215 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	52 lbs
Bend Radius	1.80 in
Cable Weight	32 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	NFPA 262 Plenum
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

Detailed Specification & Technical Data



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Product Items

Product Items	Jacket Color	Put-Up
1PR2418PBK1000	Black	1000
1PR2418POR1000	Orange	1000