

**1PR24P**

1 Pair 24AWG Shld 120 Ohm Low Capacitance Plenum  
 OSDP: RS-485 Serial Data

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
Component	Data Pair - RS-485
CONDUCTOR PARAMETER	-
• Number of Conductors	
• Number of Pairs	1
• AWG Size	24
• Conductor Stranding	7x32
• Conductor Type	Tinned Copper
• Nominal DCR	26 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam FEP
• Insulation Thickness	0.025 in
• Insulation Color Code	1. Blue 2.Blue-White
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Drain Wire Type	Tinned Copper
• Drain Wire AWG	24 AWG
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	120 Ohm
• Nom. Cap. Between Conductors	10.8 pF/ft

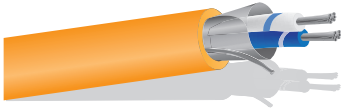
**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Total Number of Conductors	2 - 1 Pair
Jacket Type	Flexible Plenum
Jacket Thickness	0.15 in
Nominal Cable O.D.	0.186 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	18 lbs
Bend Radius	1.44 in
Cable Weight	17 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
1PR24POR1000	Orange	1000