



**D4852**

2 Pr. 24AWG SHLD RS-485 CM  
 Serial Data and Control Low Capacitance

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Pairs	2
• AWG Size	24
• Conductor Stranding	7x32
• Conductor Type	Tinned Copper
• Nominal DCR	26 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Polyethylene - PE
• Insulation Thi kness	0.022 in
• Insulation Color Code	1. Blue- White, Blue - 2. Orange- White/Orange
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Shield Type 2	90% Tinned Braid
• Drain Wire Type	Tinned Copper
• Drain Wire AWG	24 AWG
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	120 Ohm
• Nom. Cap. Between Conductors	12.8 pF/ft
• Nom. Cap. Conductor to Shield	23 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Total Number of Conductors	4
Jacket Type	PVC
Jacket Thi kness	0.034 in
Nominal Cable O.D.	0.340 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
Pull Tension	72 lbs
Bend Radius	3.00 in
Cable Weight	45 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	66 %
Delay Skew	1.6 ns/ft
UL Flammability	UL1685
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

## Detailed Specification & Technical Data



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## Related Products

RELATED PRODUCTS	-
Plenum Number	D254852
Connectors 5 Pin XLR	NC5FXX Female, NC5MXX Male
	Plus BXX-14 Boot for 8.6mm Cables