



## D4854

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

### Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Pairs	4
• AWG Size	24
• Conductor Stranding	7x32
• Conductor Type	Tinned Copper
• Nominal DCR	26 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Polyethylene - PE
• Insulation Thi kness	0.02 in
• Insulation Color Code	1.Blue-White,Blue 2.Orange,White/Orange 3. Green, White/Green 4. Brown, White/Brown
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	8
Jacket Type	PVC
Jacket Thi kness	0.032 in
Nominal Cable O.D.	0.345 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
Pull Tension	110 lbs
Bend Radius	3.40 in
Cable Weight	68 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

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