



**D254851**

1 pair 24AWG Foil+Braid Sheilded RS-485 Cable CMP  
 Serial Data,and RS-485 Control

**Construction & Dimenstions**

CONSTRUCTION & DIMENSIONS	
CONDUCTOR PARAMETER	
• 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 Thi kness	0.023 in
• Insulation Color Code	1.Blue-White,Blue
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	2
Jacket Type	Flexible Plenum
Jacket Thi kness	0.017 in
Nominal Cable O.D.	0.202 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	45 lbs
Bend Radius	1.818 in
Cable Weight	27 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
Nominal Velocity of Propagation (VP)	69 %
Delay Skew	1.6 ns/ft
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300

## Detailed Specification & Technical Data



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### Related Products

RELATED PRODUCTS	
Non Plenum Number	D4851

### Part Numbers

Part Numbers	
D254851GY1000	Gray Jacket   1000ft