



D254852

2 pair 24AWG Foil+Braid Shielded RS-485 Cable CMP

Serial Data,and RS-485 Control

Construction & Dimenstions

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		Foam FEP
• Insulation Thickness		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		4
Jacket Type		Flexible Plenum
Jacket Thickness		0.017 in
Nominal Cable O.D.		0.305 in
Plenum		Yes
NEC UL Rating		CMP
RoHS Compliant		Yes
Pull Tension		56 lbs
Bend Radius		2.745 in
Cable Weight		38 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	D4852

Part Numbers

Part Numbers	
D254852GY1000	Gray Jacket 1000ft