



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 96273
DESCRIPTION: 24 AWG /4 Pair STP CMR CATEGORY 5e DATA CABLE
COMPLIANCE:

- > ETL Listed Type CMR
- > C(ETL) listed CMG FT4
- > ETL Verified to TIA/EIA 568B.2-1
- > Meets or exceeds TIA/EIA 568B-B.2-1

Construction Parameters:

		<u>DIAMETER*</u>
Conductor	24 AWG Solid Bare Copper	0.020
Dielectric	Solid PE	0.037
Assembly	Each pair has different lay length for cross-talk prevention.	
Shield	Aluminum Foil Tape	
Jacket	PVC	0.236

* = Nominal value

Product Electrical Characteristics:

Freq. (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ACR (dB)
	TIA/EIA Máx	TIA/EIA Min	TIA/EIA Min	TIA/EIA Min
1	2,0	65,3	62,3	63,3
4	4,1	56,3	53,3	52,2
8	5,8	51,8	48,8	46,0
10	6,5	50,3	47,3	43,8
16	8,2	47,3	44,3	39,0
20	9,3	45,8	42,8	36,5
25	10,4	44,3	41,3	33,9
31,25	11,7	42,9	39,9	31,2
62,5	17,0	38,4	35,4	21,4
100	22,0	35,3	32,3	13,3

Freq. (MHz)	PSACR (dB)	ELFEXT (dB)	PSELFEXT (dB)	RL (dB)
	TIA/EIA Min	TIA/EIA Min	TIA/EIA Min	TIA/EIA Min
1	60,3	63,8	60,8	20,0
4	49,2	51,7	48,7	23,1
8	43,0	45,7	42,7	24,5
10	40,8	43,8	40,8	25,0
16	36,0	39,7	36,7	25,0
20	33,5	37,7	34,7	25,0
25	30,9	35,8	32,8	24,3
31,25	28,8	33,9	30,9	23,6
62,5	18,4	27,8	24,8	21,5
100	13,3	23,8	20,8	20,1

Pair Colors: W/BL with BL, W/OR with O, W/GR with GR, W/BR with BR
 Jacket Color: Standard color is Blue

Legend (Ink Print) CAT5E SHIELDED COLEMAN CABLE 96273 CAT5E STP 24 AWG 4PR SHIELDED C(ETL)US LISTED 3161909 TYPE CMX-OUTDOOR OR CMR FT-4 TESTED TO 350 MHZ ETL VERIFIED TO TIA/EIA-568-B.2 CAT 5E SHIELDED

(Also printed with sequential footage & date code)

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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Customer Name _____

Customer Approval _____

Specification Issue Date: July 22, 2009