



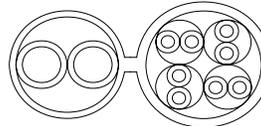
PRODUCT DATA SHEET

1530 Shields Drive
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PART NUMBER: 97394
DESCRIPTION: CAT5E 24/4PAIR PLUS A 18 AWG 2/C IN A 2 "LEG" PARALLEL CONSTRUCTION
CONSTRUCTION: This cable consists of two 18 AWG conductors and one CAT5E 24/4Pair, laid parallel under an overall PVC jacket.
APPROVALS: ETL Listed as CMR/CL3R, CMG/FT4
APPLICATION: DIGITAL COMMUNICATION & POWER LIMITED CABLE APPLICATIONS

Construction Parameters:

Conductor (18 AWG 2/C)	18 AWG Bare Copper
Stranding	16/30
Insulation	PVC
Insulation Thickness	0.009" Nom.
Conductor Thickness	0.064" Nom.
Lay Length	Parallel
Conductor (CAT5E, 24 AWG 4/PAIR)	24 AWG Bare Copper
Stranding	Solid
Dielectric	Solid PE
Dielectric Thickness	0.008" Nom.
Conductor Diameter	0.036" Nom.
Pair Lay Length	Different length for cross-talk prevention
Overall Jacket Material	PVC
Overall Jacket Thickness	0.022" Nom.
Overall Cable Diameter	0.172" / 0.203" x 0.375" Nom.
Approximate Cable Weight	41.4 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test



Electrical Properties:

18 AWG 2/C

Temperature Rating	-20°C to 60°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	6.49 Ohms/1M' Nom.
Capacitance Between Conductors @ 1 KHz	24 pF/ft Nom.

CAT5e 24/4Pair

Temperature Rating	-20°C to 60°C		
Operating Voltage	300 V RMS Max.		
DC Resistance Max.	9.38 Ohms/1M @ 20°C		
DC Resistance Unbalance Max. %	5		
Characteristic Impedance (Ohms)	85 - 115		
Velocity of Propagation (%)	66		
Pair-to-Ground Cap. Unbal.	330		
Attenuation (Nom. db/100 ft)	100 MHz	21.5	
	200 MHz	31.1	
SRL Minimum (db)	23		
Loss Min. (db)	23-10log 10(F/20)		
<u>Crosstalk</u>	<u>100 MHz</u>	<u>200 MHz</u>	<u>350 MHz</u>
NEXT (Nom. db/100m)	46.0	38.5	30
PSNEXT (Nom. db/100m)	44.0	37.00	
ELFEXT	23.8		
PSELFEXT (Nom. db/100m)	32.5	27.50	

Overall Cable Temperature Rating -20°C to 60°C

Insulation Colors (18 AWG) Black Red
 Insulation Colors (CAT5E) Pair 1: White/Blue with Blue Pair 2: White/Orange with Orange
 Pair 3: White/Green with Green Pair 4: White/Brown with Brown

Overall Jacket Color White

Legend (Surface Ink Print) COLEMAN CABLE 97394 POWERWATCH CCTV OVER IP C(ETL)US (ETL CODE) CMR/CL3R 60C
 CAT5E 24/4PR 350 MHZ UTP & 18/2 POWER CABLE CMG FT4 *****FEET

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

The customer will accept all factory lengths and +/- 10 percent of total order requested.

Cable has a rip cord for easy jacket removal. The jacket is sequentially footmarked.

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Customer Name _____ Date Signed _____

Customer Approval _____

Specification Issue Date: February 13, 2006