



PRODUCT DATA SHEET

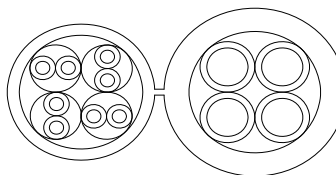
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PART NUMBER: 99284
DESCRIPTION: CAT5E 24/4PAIR PLUS A 14 AWG 4/C IN A 2 "LEG" PARALLEL CONSTRUCTION
CONSTRUCTION: This cable consists of four 14 AWG cabled conductors and one CAT5E 24/4Pair, laid parallel under an overall PVC jacket.
APPROVALS: ETL Listed as CMR/CL3R, CMG/FT4
APPLICATION: DIGITAL COMMUNICATION & POWER LIMITED CABLE APPLICATIONS

Construction Parameters:

Conductor (14 AWG 4/C)	14 AWG Bare Copper
Stranding	41/30
Insulation	PVC
Insulation Thickness	0.009" Nom.
Conductor Thickness	0.092" Nom.
Lay Length	4.00" Nom.
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	0.203" / 0.267" x 0.470" Nom.
Approximate Cable Weight	91.0 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test



Electrical Properties:

14 AWG 4/C

Temperature Rating	-20°C to 60°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	7.81 Ohms/1M' Nom.
Capacitance Between Conductors @ 1 KHz	35 pF/ft Nom.

CAT5e 24/4Pair

Temperature Rating
Operating Voltage
DC Resistance Max.
DC Resistance Unbalance Max. %
Characteristic Impedance (Ohms)
Velocity of Propagation (%)
Pair-to-Ground Cap. Unbal.
Attenuation (Nom. db/100 ft)

SRL Minimum (db)
Loss Min. (db)
<u>Crosstalk</u>
NEXT (Nom. db/100m)
PSNEXT (Nom. db/100m)
ELFEXT
PSELFEXT (Nom. db/100m)

Overall Cable Temperature Rating	-20°C to 60°C
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Insulation Colors (14 AWG)	Black Red White Green
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	Pink
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Legend (Surface Ink Print)	COLEMAN CABLE 99284 CLEAR SIGNAL SPEAKER PLUS DATA C(ETL)US (ETL CODE) CMR/CL3R CAT5E 24/4PR 350 MHZ UTP & 14/4 SPEAKER CABLE CMG FT4 *****FEET
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This product complies with European Directive 2011/65/EU (RoHS-2)

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: March 5, 2013