



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

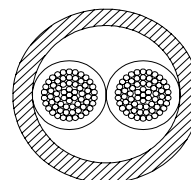
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**PART NUMBER:** 94542  
**DESCRIPTION:** 14/2 STRANDED CM/CL3/FPL/PLTC DIRECT BURIAL SOUND AUDIO CABLE  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors and an overall jacket.  
**APPROVALS:** UL Standard 13, 444 & 1424 NEC Articles 725, 760 & 800.  
**APPLICATION:** General Purpose Direct Burial Power Limited Circuit, Fire Alarm, Tray and Communications Cable Used in Audio Applications

## Construction Parameters:

|                              |                                  |
|------------------------------|----------------------------------|
| Conductor                    | 14 AWG Bare Copper               |
| Stranding                    | 105/34                           |
| Insulation Material          | PVC                              |
| Insulation Thickness         | 0.009" Nom.                      |
| Insulated Conductor Diameter | 0.091" Nom.                      |
| Number of Conductors         | 2                                |
| Lay Length                   | 3.00" Nom.                       |
| Core Wrap                    | None                             |
| Jacket Material              | PVC (Tubed)                      |
| Jacket Thickness             | 0.020" Nom.                      |
| Overall Cable Diameter       | 0.222" Nom.                      |
| Approximate Cable Weight     | 37.7 Lbs/1M' Nom.                |
| Flame Rating                 | UL 1581 Vertical Tray Flame Test |

## Cable Cross-Section



## Electrical Properties:

|  |                    |
|--|--------------------|
| Temperature Rating                               | -20°C to 60°C      |
| Operating Voltage                                | 300 V RMS Max.     |
| Capacitance Between Conductors @ 1 KHz           | 42 pF/ft Nom.      |
| Capacitance Between Conductors to Shield @ 1 KHz | -----              |
| DC Resistance per Conductor @ 20°C               | 2.56 Ohms/1M' Nom. |

|                   |                          |
|-------------------|--------------------------|
| Insulation Colors | Black Red                |
| Jacket Color      | Varies (Consult Factory) |

Legend (Surface Ink Print) COLEMAN CABLE 94542 14 AWG 2/C C(ETL)US (ETL CODE) TYPE CM/CL3/FPL/PLTC  
DIRECT BURIAL AUDIO CABLE SUN RES -- TYPE CMH FT1

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

On special orders, 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 12, 2008