



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 75308  
**DESCRIPTION:** 22/8 STRANDED SHIELDED CL3P/CMP/FPLP FT6 PLENUM CABLE  
**CONSTRUCTION:** This cable consists of eight bare copper insulated conductors, cabled with an overall shield and drain wire, and an overall jacket.  
**APPROVALS:** UL Standard 13 and 444, NEC Articles 725 and 800.  
**APPLICATION:** Power Limited Circuit Cable And Communications Cable Used in Plenum Applications

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## Construction Parameters:

|                              |  |
|------------------------------|--|
| Conductor                    | 22 AWG Bare Copper                           |
| Stranding                    | 7/30   |
| Insulation Material          | Low Smoke PVC                                |
| Insulation Thickness         | 0.010" Nom.                                  |
| Insulated Conductor Diameter | 0.049" Nom.                                  |
| Number of Conductors         | 8  |
| Lay Length                   | 4.00" Nom.                                   |
| Shield                       | Alum/Mylar                                   |
| Drain                        | 24 AWG 7/32 Tinned Copper                    |
| Jacket Material              | Low Smoke PVC                                |
| Jacket Thickness             | 0.017" Nom.                                  |
| Overall Cable Diameter       | 0.206" Nom.                                  |
| Approximate Cable Weight     | 34.5 Lbs/1M' Nom.                            |
| Flame Rating                 | NFPA 262 Steiner Tunnel Smoke and Flame Test |

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## Electrical Properties:

|  |                     |
|--|---------------------|
| Temperature Rating                               | -20°C to 75°C       |
| Operating Voltage                                | 300 V RMS Max.      |
| Capacitance Between Conductors @ 1 KHz           | 39 pF/ft Nom.       |
| Capacitance Between Conductors to Shield @ 1 KHz | 73 pF/ft Nom.       |
| DC Resistance per Conductor @ 20°C               | 16.19 Ohms/1M' Nom. |

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|                   |  |
|-------------------|--|
| Insulation Colors | Black Red White Green Brown Blue Orange Yellow   |
| Jacket Color      | Beige (Other colors available for minimum order) |

|                            |   |
|----------------------------|---|
| Legend (Surface Ink Print) | COLEMAN CABLE 75308 22 AWG 8/C C(ETL) US (ETL CODE) TYPE CMP/CL3P/FPLP 75C --- TYPE CMP FT6 |
|----------------------------|---|

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 \_\_\_\_\_

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