



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

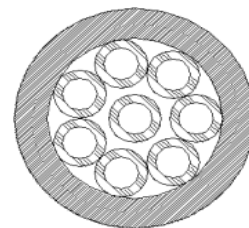
1530 Shields Drive
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PART NUMBER: 55308
DESCRIPTION: 18/8 SOLID CL2 THERMOSTAT CABLE
CONSTRUCTION: This cable consists of eight bare copper insulated conductors with an overall jacket.
APPROVALS: UL Standard 13, NEC Article 725.
APPLICATION: Class 2 Power Limited Circuit Cable Used In Thermostat Control Applications

Construction Parameters:

| | |
|------------------------------|----------------------------------|
| Conductor | 18 AWG Bare Copper |
| Stranding | Solid |
| Insulation Material | Polypropylene |
| Insulation Thickness | 0.006" Nom. |
| Insulated Conductor Diameter | 0.052" Nom. |
| Number of Conductors | 8 |
| Lay Length | Parallel |
| Jacket Material | PVC |
| Jacket Thickness | 0.015" Nom. |
| Overall Cable Diameter | 0.202" Nom. |
| Approximate Cable Weight | 50.5 Lbs/1M' Nom. |
| Flame Rating | UL 1581 Vertical Tray Flame Test |

Cable Cross-Section



Electrical & Environmental Properties:

| | |
|--|--|
| Temperature Rating | -20°C to 60°C |
| Operating Voltage | 150V Voltage Rating Per National Electric Code Article 725 |
| Capacitance Between Conductors @ 1 KHz | 25 pF/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | ----- |
| DC Resistance per Conductor @ 20°C | 6.32 Ohms/1M' Nom. |

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

| | |
|----------------------------|--|
| Legend (Surface Ink Print) | TYPE CL2 C(ETL)US (ETL CODE) 18 AWG 8/C BAROSTAT II SUN RES -- CMX OUTDOOR -- TYPE CMH FT1 XX/XX/XX (MONTH/DAY/YEAR) XXXXXX (W/O #) |
|----------------------------|--|

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

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Customer Name _____

Customer Approval _____

Specification Issue Date: March 25, 2009