



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

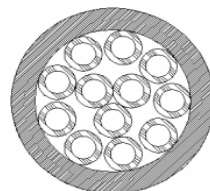
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**PART NUMBER:** 55312  
**DESCRIPTION:** 18/12 SOLID CL2 THERMOSTAT CABLE  
**CONSTRUCTION:** This cable consists of twelve bare copper insulated conductors with an overall jacket.  
**APPROVALS:** UL Standard 13, NEC Article 725.  
**APPLICATION:** 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	12
Lay Length	Parallel
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.245" Nom.
Approximate Cable Weight	74.1 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 Pink Gray Tan Purple
Jacket Color	Brown (Other colors available for minimum order)

Legend (Surface Ink Print)	COLEMAN CABLE 55312 18 AWG 12/C C(ETL)US (ETL CODE) TYPE CL2 BAROSTAT II SUN RES -- TYPE CMH FT1
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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: January 26, 2007