



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

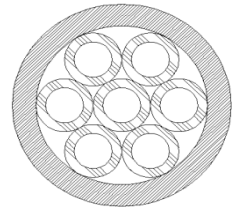
1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 55307
DESCRIPTION: 18/7 SOLID CL2 THERMOSTAT CABLE
CONSTRUCTION: This cable consists of seven 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	7
Lay Length	Parallel
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.186" Nom.
Approximate Cable Weight	44.6 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
Jacket Color	Brown (Other colors available for minimum order)

Legend (Surface Ink Print)	TYPE CL2 C(ETL)US (ETL CODE) 18 AWG 7/C BAROSTAT II SUN RES -- TYPE CMH FT1 -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)
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This product complies with European Directive 2011/65/EU (RoHS-2)

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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