



## Thermostat Cable

### 18AWG/2 Cores

## Technical Datasheet

### Applications

Wiring of Thermostat Controls, Heating & Air Conditioning Equipment, Doorbells & other low voltage applications

Physical Characteristics	Certifications
Conductor: 18 AWG Solid Bare Copper	ISO9001, ISO14001, OHSAS 18001
Number of Insulation: 2	UL 13, UL 1424, UL 444,
Insulation: Flame-Retardant & RoHS Compliant PVC	UL listed Type: CMR, CL2R (UL 1666) CM, CL2(UL1685)
Insulation Color Code: 1. Red 2. White	ETL listed Type: CMR, CL2R (UL 1666) CM, CL2(UL1685)
Rip Cord: Applied longitudinally under jacket	RoHS / REACH Compliant
Jacket: Flame-Retardant & RoHS Compliant PVC	
Jacket Color Code: Brown	Electrical Characteristics
Nominal Cable Diameter: 3.4mm	Operating Voltage: 150 Volts Max
Minimum Bend Radius: 7.5mm	DC Resistance: 23.5 Ohms/m @ +20 °C
Maximum Pulling Force(lbs): 35	Capacitance Between Conductor @1 KHz: 25pF/ft Nom
Temperature Rating (°C):	
Installation: 0 to +60	
Storage & Operation: -20 to +75	

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No. Of Cores	Conductor Size (AWG)	Insulation Diameter	Overall Diameter
2	18	0.057" (1.45mm)	0.148" (3.76mm)
3	18	0.057" (1.45mm)	0.150" (3.81mm)
4	18	0.057" (1.45mm)	0.173" (4.40mm)
5	18	0.057" (1.45mm)	0.188" (4.80mm)
6	18	0.057" (1.45mm)	0.197" (5.00mm)
8	18	0.057" (1.45mm)	0.217" (5.50mm)
10	18	0.057" (1.45mm)	0.248" (6.30mm)
12	18	0.057" (1.45mm)	0.295" (7.50mm)
2	20	0.048" (1.22mm)	0.130" (3.30mm)
3	20	0.048" (1.22mm)	0.130" (3.30mm)
4	20	0.048" (1.22mm)	0.142" (3.61mm)
5	20	0.048" (1.22mm)	0.155" (3.94mm)
6	20	0.048" (1.22mm)	0.167" (4.24mm)
8	20	0.048" (1.22mm)	0.189" (4.80mm)
10	20	0.048" (1.22mm)	0.207" (5.26mm)
12	20	0.048" (1.22mm)	0.224" (5.69mm)