

THERMOSTAT WIRE

Sunlight-Resistant 60°C.150 volts
18 and 20 Gauge Copper Conductors.



APPLICATIONS

Southwire's Thermostat Wire is a class 2 power-limited circuit cable for use in heating and air conditioning controls (bell and alarm systems).

SPECIFICATIONS

- CL2- Power Limited per NEC Article 725. MP- Multi Purpose Cable per Articles 725, 760, and 800.
- CM-Communication Cable per Article 800
- FPL - Power Limited Fire Protective Signaling Cable per Article 760
- Sunlight Resistant, PVC Insulation, and Solid Bare Copper per UL Standard 13
- RoHS Compliant
- OSHA Acceptable

CONSTRUCTION

Southwire Thermostat Wire is manufactured using solid copper conductors with 6 mils of polyvinyl chloride insulation. The two conductor cable is flat - multiconductor cables are round.

Thermosat Wire

18 Gauge Thermostat Wire					
Size (AWG)/Number of Conductors	Conductor Colors	Jacket Thickness Nom.(mils)	Approx. Overall Cable Diameter (mils)	Approx. Net Weight Per 1000' (lbs.)	Standard Lengths Put-Up
18/2	Red, White	14	132	16.0	4 X 500' sps/ctn
18/3	Red, White, Green	14	140	21.7	4 X 500' sps/ctn
18/4	Red, White, Green, Blue	14	154	27.5	4 X 500' sps/ctn
18/5	Red, White, Green, Blue, Yellow	15	170	33.7	4 X 250' sps/ctn
18/6	Red, White, Green, Blue, Yellow, Brown	15	186	39.6	4 X 250' sps/ctn
18/7	Red, White, Green, Blue, Yellow, Brown, Orange	15	186	45.1	4 X 250' sps/ctn
18/8	Red, White, Green, Blue, Yellow, Brown, Orange, Black	15	202	51.0	4 X 250' sps/ctn
18/9	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink	15	218	56.9	4 X 250' sps/ctn
18/10	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray	15	246	64.8	4 X 250' sps/ctn
18/12	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray, Tan, Purple	15	245	74.1	4 X 250' sps/ctn

All Thermostat wire is constructed with solid conductors, polypropylene insulation (6 mils), parallel conductors, PVC jacket, 25 pF/ft capacitance between conductors @ 1 KHz (Nom.), and 6.32 Ohms/1000 foot DC resistance per conductor @ 20°C (nom.)

20 Gauge Thermostat Wire					
Size (AWG)/Number of Conductors	Conductor Colors	Jacket Thickness Nom.(mils)	Approx. Overall Cable Diameter (mils)	Approx. Net Weight Per 1000' (lbs.)	Standard Lengths Put-Up
20/2	Red, White	14	114	11.2	4 X 500' sps/ctn
20/3	Red, White, Green	14	121	14.7	4 X 500' sps/ctn
20/4	Red, White, Green, Blue	14	132	18.3	4 X 500' sps/ctn
20/5	Red, White, Green, Blue, Yellow	15	147	22.2	4 X 500' sps/ctn
20/6	Red, White, Green, Blue, Yellow, Brown	15	160	25.9	4 X 500' sps/ctn
20/7	Red, White, Green, Blue, Yellow, Brown, Orange	15	160	29.2	4 X 500' sps/ctn
20/8	Red, White, Green, Blue, Yellow, Brown, Orange, Black	15	173	32.8	4 X 250' sps/ctn
20/9	Red, White, Green, Blue, Yellow,	15	185	36.5	4 X 250' sps/ctn

Thermosat Wire

	Brown, Orange, Black, Pink				
20/10	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray	15	202	40.2	4 X 250' sps/ctn
20/12	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray, Tan, Purple	15	209	47.0	4 X 250' sps/ctn

All Thermostat wire is constructed with solid conductors, polypropylene insulation (6 mils), parallel conductors, PVC jacket, 22 pF/ft capacitance between conductors @ 1 KHz (Nom.), and 10.73 Ohms/1000 foot DC resistance per conductor @ 20°C (nom.)