Southwire

-GENESIS-

Limited-Energy Cable

Thermostat Cable

GENERAL PURPOSE

150V (max) Operating Voltage

-20°C 75°C Operating Temperature

Sunlight Resistant

RoHS Compliant

ETL Listed

APPLICATIONS

Genesis Thermostat Cable guarantees reliable signal transmission between thermostats and heating/cooling systems, keeping today's indoor environments comfortable and energy efficient.

WE'VE GOT IT MADE IN AMERICA™

- Installed in a metal raceway that complies with 300.22(B)
- Supported by solid bottom metal cable trays with solid metal covers
- Within buildings in other than air-handling spaces and risers
- Exposed to sunlight

SPECIFICATIONS

Genesis Thermostat Cable meets or exceeds the following specifications:

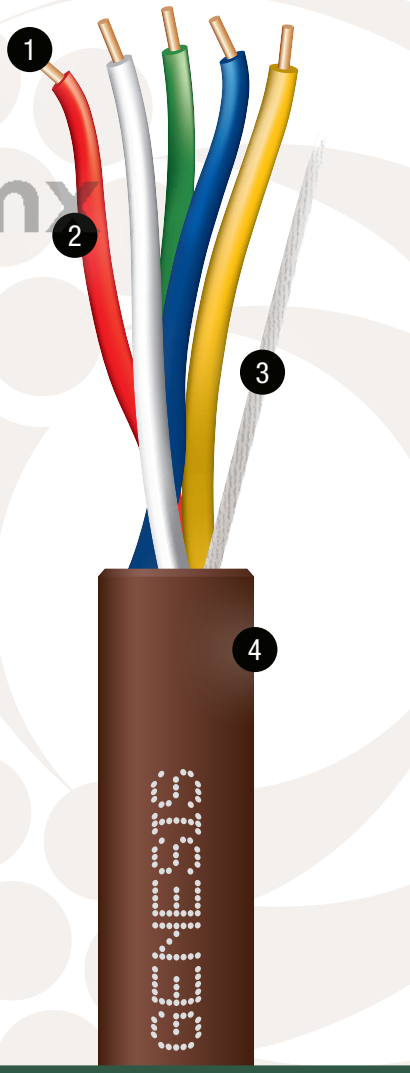
- UL 1685 – General Purpose Rated
- UL 13 – Power-Limited Circuit Cables, Type CL2

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CONSTRUCTION

1. **Conductor:** Bare Copper conductors for excellent conductivity and low voltage drop
2. **Insulation:** Polypropylene
3. **Rip Cord:** Durable rip cord for efficient jacket stripping and removal
4. **Jacket:** PVC, Sequential length marking included for easy tracking of usage

CONDUCTOR COLORS					
1: Red	2: White	3: Green	4: Blue	5: Yellow	6: Brown
7: Orange	8: Black	9: Pink	10: Gray	11: Tan	12: Purple



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THERMOSTAT CABLE, GENERAL PURPOSE

AWG	NUMBER OF CONDUCTORS	SOLID / STRANDED	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20ºC)	CAPACITANCE (pF/ft.)	WEIGHT (lbs./1000ft.)	PRODUCT NUMBER
22	2	Solid	0.102	18	18.8	6.8	4720
22	4	Solid	0.117	18	18.8	11.3	4721
22	5	Solid	0.123	18	18.8	13.5	4722
22	7	Solid	0.139	18	18.8	18.0	4723
22	8	Solid	0.148	18	18.8	20.4	4724
20	2	Solid	0.115	11.1	20.6	9.4	4701
20	3	Solid	0.122	11.1	20.6	12.8	4702
20	4	Solid	0.133	11.1	20.6	16.3	4703
20	5	Solid	0.140	11.1	20.6	19.6	4704
20	6	Solid	0.150	11.1	20.6	23.1	4705
20	7	Solid	0.158	11.1	20.6	26.4	4706
20	8	Solid	0.173	11.1	20.6	30.6	4707
18	2	Solid	0.134	6.52	22.8	14.1	4710
18	3	Solid	0.142	6.52	22.8	19.5	4711
18	4	Solid	0.155	6.52	22.8	25.2	4712
18	5	Solid	0.167	6.52	22.8	31.3	4713
18	6	Solid	0.180	6.52	22.8	37.0	4714
18	7	Solid	0.192	6.52	22.8	42.9	4715
18	8	Solid	0.205	6.52	22.8	48.6	4716
18	9	Solid	0.219	6.52	22.8	54.8	4717
18	10	Solid	0.229	6.52	22.8	60.4	4718
18	12	Solid	0.247	6.52	22.8	71.5	4719
20/18	5	Solid	0.114	6.52/11.1	-	21.8	6713
20/18	8	Solid	0.176	6.52/11.1	-	32.8	6716
20/18	10	Solid	0.198	6.52/11.1	-	42.2	6718

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SAMPLE PRINT LEGEND

GENESIS THERMOSTAT CABLE P/N XXXX XC X AWG (ETL) CL2 SUN RES 75C (RoHS)
W/O #XXXXXX-XXXXXX XXXX FT RM# A B C D E F 1 2 3 4 5 6 7 8 9

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