

## Category 6 Direct Burial

Category 6 Direct Burial Sunlight Resistant 300 volts Rated for -20°C to 60°C

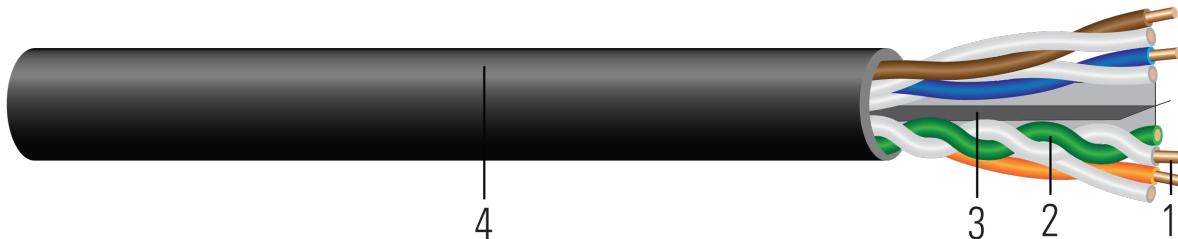


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Bare solid copper
2. **Insulation:** Polyolefin
3. **Spline:** Reduces crosstalk for improved performance. Water blocking gel
4. **Jacket:** Black Polypropylene

### APPLICATIONS AND FEATURES:

Southwire Cat 6 Cables offer the ideal choice for high-performance voice and data networks in residential and commercial buildings. This direct burial rated and water-blocked cable safeguards devices from moisture damage and corrosion to ensure uninterrupted performance and longevity.

- Direct Burial Rated
- Sunlight Resistant Rated
- REACH/RoHS Compliant
- TIA-568.2-D Category 6
- Rated for 300 Volts
- Rated for -20°C to 60°C

### SPECIFICATIONS:

- RoHS-3 Complies with European Directive 2015/863
- TIA/EIA 568.D.2 (Cat.6) Standard

### SAMPLE PRINT LEGEND:

DIRECT BURIAL CAT-6E" 23 AWG 4/PRS CABLE MADE IN USA ROHS-2 COMPLIANT

### Table 1 – Weights and Measurements

Stock Number	Cond. Size	Number of Pairs	Jacket Thickness	Approx. OD	Approx. Weight
	AWG/Kcmil	pair	mil	inch	lb/1000ft
H92038	23	4	25	0.294	36

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item



**Table 2 – Weights and Measurements (Metric)**

Stock Number	Cond. Size	Number of Pairs	Jacket Thickness	Approx. OD	Approx. Weight
	AWG/Kcmil	pair	mm	mm	lb/km
H92038	23	4	0.64	7.47	54

**Electrical Performance**

Freq. (MHz)	Attenuation (dB/ 100m)Max	NEXT (dB/100m) Min	PSNEXT (dB/ 100m)Min	ELFEXT (dB/ 100m)Min	PSELFEXT (dB/ 100m)Min	TCL (dB/100m) Min	RL (dB/100m) Min	P.Delay (ns/ 100m)Max
<b>1</b>	2	74.3	72.3	67.8	64.8	40	20	570
<b>4</b>	3.8	65.3	63.3	55.8	52.8	40	23	552
<b>8</b>	5.5	60.8	58.8	49.7	46.7	40	24.5	547
<b>10</b>	6	59.3	57.3	47.8	44.8	40	25	545
<b>16</b>	7.6	56.2	54.2	43.7	40.7	38	25	543
<b>20</b>	8.5	54.8	52.8	41.8	38.8	37	25	542
<b>25</b>	9.5	53.3	51.3	39.8	36.8	36	24.3	541
<b>31.25</b>	10.7	51.9	49.9	37.9	34.9	35.1	23.6	540
<b>62.5</b>	15.4	47.4	45.4	31.9	28.9	32	21.5	539
<b>100</b>	19.8	44.3	42.3	27.8	24.8	30	20.1	538
<b>200</b>	29	39.8	37.8	21.8	18.8	27	18	537
<b>250</b>	32.8	38.3	36.3	19.8	16.8	26	17.3	536

