

## Category 6 Direct Burial

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

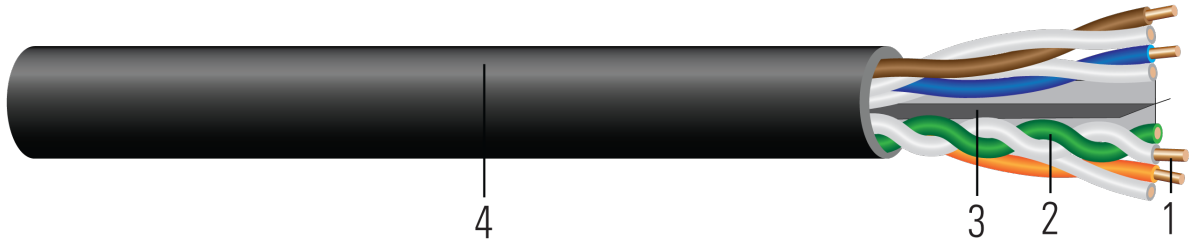


Image not to scale. See Table 1 for dimensions.

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

