



PVC Spiral Cable

PUR Spiral Cable

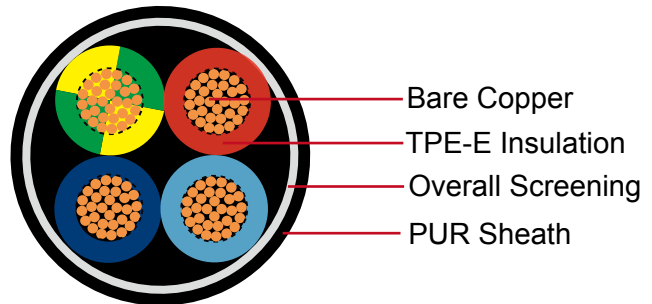
# Caledonian Spiral Cables

## Electronic Screened Spiral cable (TPE-E/PUR)

### Application:

These TPE-E/PUR screened spiral cables are used in lighting industry, machine industry, power tools, construction industry, consumer electronics, mobile equipment etc. these cables are screened against high frequency interference. Suitable for use in the control cable sectors requiring the use of screened semi-conductors.

### Construction:



**Conductor:** stranded bare copper conductors according to DIN VDE 0295 and IEC 60228 cl. 5

**Cores twisted**

**Overall screening**

**Core Insulation:** TPE-E core insulation

**Core Color Code:** according to VDE 0293 or DIN 47100

**sheath:** PUR outer sheath

**sheath color:** black (other colors and types are available on request)

### Characteristics:

**Temperature Rating:** -25°C to +70°C

**Voltage Rating:**

300V (up to 0.14 mm<sup>2</sup>)

500V (up to 0.25 mm<sup>2</sup>)

**Elasticity ratio:** TPE/PUR black approx 1 : 4

**Test voltage:** 2000 V

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## Dimensions and Weight:

AWG	Cross-section	Closed Spiral Length	Cable Diameter	Outer Diameter	Copper Count Weight
	mm <sup>2</sup>	mm	mm	mm	kg/km
26	2 x 0.14	300	3.80	13.60	30.60
26	2 x 0.14	400	3.80	13.60	39.60
26	2 x 0.14	500	3.80	13.60	48.60
26	2 x 0.14	1000	3.80	13.60	93.60
26	3 x 0.14	300	4.10	15.20	44.20
26	3 x 0.14	400	4.10	15.20	55.80
26	3 x 0.14	500	4.10	15.20	67.50
26	3 x 0.14	1000	4.10	15.20	135.00
26	4 x 0.14	300	4.60	16.20	47.60
26	4 x 0.14	400	4.60	16.20	61.60
26	4 x 0.14	500	4.60	16.20	75.60
26	4 x 0.14	1000	4.60	16.20	145.60
26	5 x 0.14	300	4.60	17.20	54.40
26	5 x 0.14	400	4.60	17.20	70.40
26	5 x 0.14	500	4.60	17.20	86.40
26	5 x 0.14	1000	4.60	17.20	166.40
26	6 x 0.14	300	5.20	19.40	64.60
26	6 x 0.14	400	5.20	19.40	83.60
26	6 x 0.14	500	5.20	19.40	102.60
26	6 x 0.14	1000	5.20	19.40	197.60
26	7 x 0.14	300	5.50	20.00	68.00
26	7 x 0.14	400	5.50	20.00	88.00
26	7 x 0.14	500	5.50	20.00	108.00
26	7 x 0.14	1000	5.50	20.00	208.00
26	8 x 0.14	300	5.60	20.20	74.80
26	8 x 0.14	400	5.60	20.20	96.80
26	8 x 0.14	500	5.60	20.20	118.80
26	8 x 0.14	1000	5.60	20.20	228.80
26	2 x 0.25	300	4.50	16.00	51.00
26	2 x 0.25	400	4.50	16.00	66.00
26	2 x 0.25	500	4.50	16.00	81.00
26	2 x 0.25	1000	4.50	16.00	156.00
26	4 x 0.25	300	5.00	18.00	74.80
26	4 x 0.25	400	5.00	18.00	96.80
26	4 x 0.25	500	5.00	18.00	118.80
26	4 x 0.25	1000	5.00	18.00	228.80
24	5 x 0.25	300	5.40	19.80	85.00
24	5 x 0.25	400	5.40	19.80	110.00
24	5 x 0.25	500	5.40	19.80	135.00
24	5 x 0.25	1000	5.40	19.80	260.00



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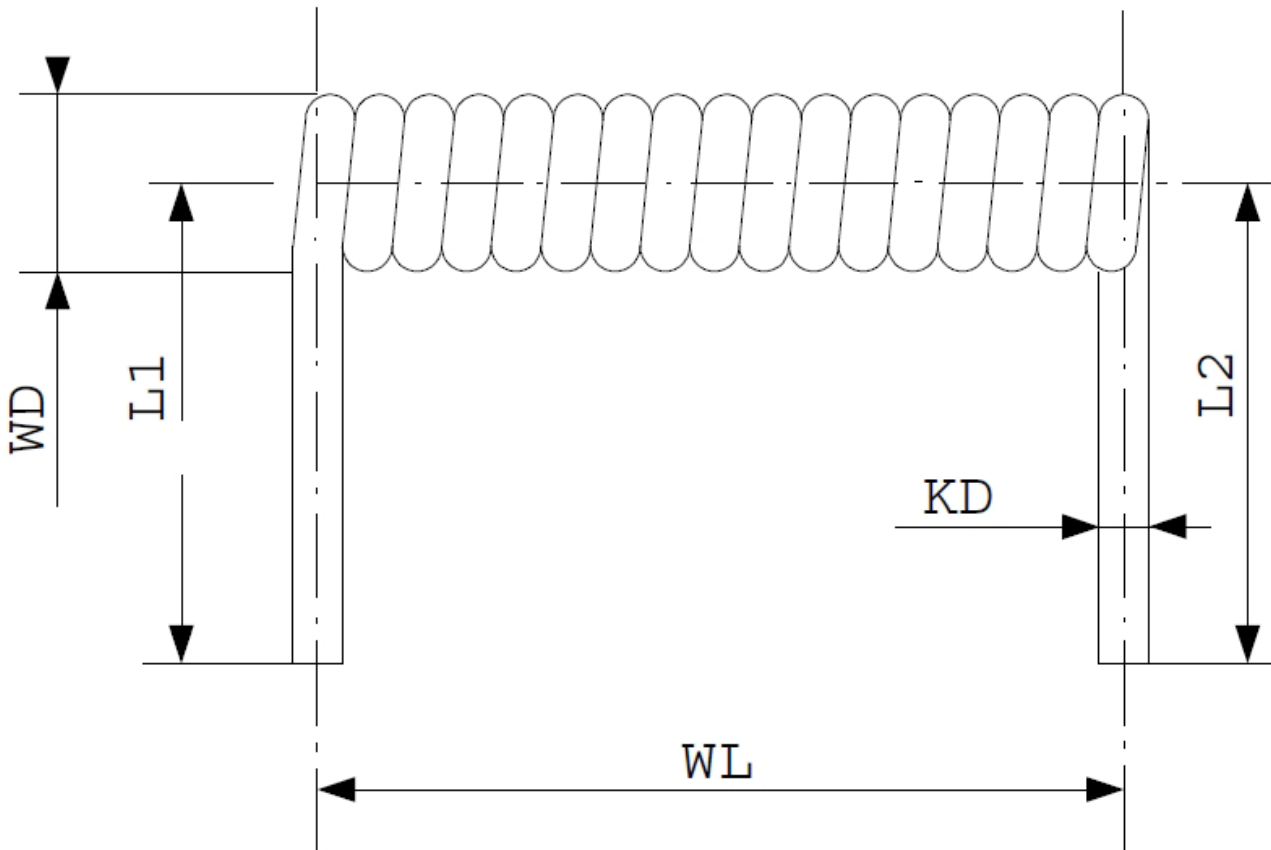
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AWG	Cross-section	Closed Spiral Length	Cable Diameter	Outer Diameter	Copper Count Weight
	mm <sup>2</sup>	mm	mm	mm	kg/km
24	6 x 0.25	300	5.70	20.40	102.00
24	6 x 0.25	400	5.70	20.40	132.00
24	6 x 0.25	500	5.70	20.40	162.00
24	6 x 0.25	1000	5.70	20.40	312.00
24	8 x 0.25	300	6.50	23.00	119.00
24	8 x 0.25	400	6.50	23.00	154.00
24	8 x 0.25	500	6.50	23.00	189.00
24	8 x 0.25	1000	6.50	23.00	364.00
24	12 x 0.25	300	7.10	26.20	170.00
24	12 x 0.25	400	7.10	26.20	220.00
24	12 x 0.25	500	7.10	26.20	270.00
24	12 x 0.25	1000	7.10	26.20	520.00
20	2 x 0.50	300	5.50	20.00	78.20
20	2 x 0.50	400	5.50	20.00	101.20
20	2 x 0.50	500	5.50	20.00	124.20
20	2 x 0.50	1000	5.50	20.00	239.20
20	4 x 0.50	300	5.80	21.60	153.00
20	4 x 0.50	400	5.80	21.60	198.00
20	4 x 0.50	500	5.80	21.60	243.00
20	4 x 0.50	1000	5.80	21.60	648.00
20	6 x 0.50	300	7.00	26.00	231.20
20	6 x 0.50	400	7.00	26.00	299.20
20	6 x 0.50	500	7.00	26.00	367.20
20	6 x 0.50	1000	7.00	26.00	707.20
20	8 x 0.50	300	8.00	29.00	289.00
20	8 x 0.50	400	8.00	29.00	374.00
20	8 x 0.50	500	8.00	29.00	459.00
20	8 x 0.50	1000	8.00	29.00	884.00
20	12 x 0.50	300	8.80	31.60	380.80
20	12 x 0.50	400	8.80	31.60	492.80
20	12 x 0.50	500	8.80	31.60	604.80
20	12 x 0.50	1000	8.80	31.60	1164.80



## Enquiry Spiral Cables



WL: Spiral length    WD: Spiral outer diameter    KD: Internal diameter    L1 and L2: End lengths

**For a quotation of spiral cable we ask you to fill out this specification form:**

Number of cores : \_\_\_\_\_

Core mm<sup>2</sup> : \_\_\_\_\_

Spiral length unextended (WL): . \_\_\_\_\_

End parts length (L1 and L2, the standard is 25 cm): \_\_\_\_\_

Quantity: \_\_\_\_\_

Company name : \_\_\_\_\_

Address : \_\_\_\_\_

City : \_\_\_\_\_

Your name : \_\_\_\_\_

Tel.nr. : \_\_\_\_\_

Fax.nr. : \_\_\_\_\_

E-mail address : \_\_\_\_\_



# *Caledonian Cables*

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