



## CA-LC5-SH-LC5 Product Description

This shielded cable has 24 AWG conductors and a 5-position high retention connector (TE Connectivity housing 1-87175-2 (<https://www.te.com/usa-en/product-1-87175-2.html>) and 5 socket contacts 87165-1 (<https://www.te.com/usa-en/product-87165-1.html>)) on each end. It is compatible with the E2, E3, H1, H3, L2, S1, and S2 encoders as well as the EM1 and EM2 encoder modules.



**WARNING:** This product can cause exposure to substances, such as *phthalate plasticizers*, known to the State of California to cause cancer and reproductive harm. For more information, go to [oehha.ca.gov/proposition-65](https://oehha.ca.gov/proposition-65) (<https://oehha.ca.gov/proposition-65>).

## Specifications

### PIN-OUT

PIN	DESCRIPTION	COLOR
1	Ground	Black (drain connected on one end)
2	Index	Green
3	A Channel	White
4	+5VDC power	Red
5	B Channel	Brown

## Notes

- US Digital® warrants its products against defects in materials and workmanship for two years. See complete warranty (<https://www.usdigital.com/company/warranty>) for details.



## Configuration Options

CA-LC5-SH-LC5	-	First Connector	-	Cable Type	-	Second Connector	-	Length
		LC5		SH		LC5		Length

**PLEASE NOTE: This chart is for informational use only.** Certain product configuration combinations are not available. Visit the CA-LC5-SH-LC5 product page (<https://www.usdigital.com/products/CA-LC5-SH-LC5>) for pricing and additional information.