



## CA-FC5-SH-LC5 Product Description

A 5-pin female polarized latching connector connected to a 5-pin female locking connector via a 5-conductor round shielded 24 AWG cable. The locking connector is typically used to connect to US

Digital's E2 (<https://www.usdigital.com/products/encoders/incremental/kit/e2/>), E3

(<https://www.usdigital.com/products/encoders/incremental/kit/e3/>), H1

(<https://www.usdigital.com/products/encoders/incremental/kit/e3/>), H1

(<https://www.usdigital.com/products/encoders/incremental/shaft/h1/>), H3 (<https://www.usdigital.com/products/encoders/incremental/shaft/h3/>), S1

(<https://www.usdigital.com/products/encoders/incremental/shaft/s1/>), or S2 (<https://www.usdigital.com/products/encoders/incremental/shaft/s2/>)

encoder, while the latching connector mates with an encoder interface input found on the ED3 Digital Encoder Display

(<https://www.usdigital.com/products/accessories/digital-displays/ed3/>).



**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)

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## 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-FC5-SH-LC5	First Connector	Cable Type	Second Connector	Length
	FC5	SH	LC5	Length

**PLEASE NOTE: This chart is for informational use only.** Certain product configuration combinations are not available. Visit the CA-FC5-SH-LC5 product page (<https://www.usdigital.com/products/CA-FC5-SH-LC5>) for pricing and additional information.