



CA-FC5-SH-LC5 Product Description

A 5-pin female polarized latching connector connected to a 5-pin female high-retention connector via a 5-conductor round shielded 24 AWG cable. The high-retention 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/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/>). the QSB (<https://www.usdigital.com/products/accessories/interfaces/usb/qsb/>) adapter and the USB4 (<https://www.usdigital.com/products/accessories/interfaces/usb/usb4/>) data acquisition device.



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>).

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.