



CA-FC5-SH-LC5 Product Description

This shielded cable has 24 AWG conductors, a 5-position latching connector (Molex 14-60-0052 (https://www.molex.com/molex/products/part-detail/rb_cbl_wr_trp_conn/0014600052)) on one end, 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 the other. The high-retention connector is typically used to connect to US Digital's E2, E3, H1, H3, S1, or S2 encoder, while the latching connector mates with an encoder interface input found on the ED3 (<https://www.usdigital.com/products/accessories/digital-displays/ed3/>) Digital Encoder Display, 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.