



CA-C5-SH-FC5 Product Description

This shielded cable has 24 AWG conductors, a 5-position high retention connector on one end, and a 5-position latching connector on the other. The high-retention connector (TE Connectivity 3-640441-5) (<https://www.te.com/usa-en/product-3-640441-5.html>) mates to US Digital's E2, E3, H1, H3, S1, and S2 encoders and the latching connector (Molex 14-60-0052 (https://www.molex.com/molex/products/part-detail/rb_cb_l_wr_trp_conn/0014600052)) connects to the encoder interface inputs on the ED3 (<https://www.usdigital.com/products/accessories/digital-displays/ed3/>) Digital Encoder Display, QSB (<https://www.usdigital.com/products/accessories/interfaces/usb/qsb/>) adapter, or 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-C5-SH-FC5	-	First Connector	-	Cable Type	-	Second Connector	-	Length
		C5		SH		FC5		Length

PLEASE NOTE: This chart is for informational use only. Certain product configuration combinations are not available. Visit the CA-C5-SH-FC5 product page (<https://www.usdigital.com/products/CA-C5-SH-FC5>) for pricing and additional information.