



CA-MD6A-SS-MD6 Product Description

6-pin modular connectors on both ends of an unshielded silver satin 28 AWG cable. This cable is intended for connecting a *single analog output A2 version* of US Digital's A2 Absolute Optical Shaft Encoder (<https://www.usdigital.com/products/encoders/absolute/shaft/a2/>) to the digital SEI bus for serial communication; there is no connection from the analog signals on wires 2 and 3 to one of the cable connectors, preventing analog signals from being interpreted as BUSY conditions.



Please note: This cable is not suited for use in situations where one wants to extract and use the analog signals; the cable better suited for that purpose is CA-MD6-SS-MD6 (<https://www.usdigital.com/products/accessories/cables/6-pin/ca-md6-ss-md6/>).

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	SEI BUS	COLOR
1	Ground	Brown
2	No connection	Green
3	No connection	White w/ Green Stripe
4	Power	White w/ Brown Stripe
5	DataL (quiescent high in Mark condition)	Blue
6	DataH (quiescent low in Mark condition)	White w/ Blue Stripe

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.