

# Electronic Systems

## CANtrak POWER, CAN & OUTPUT WIRING HARNESS



### AT A GLANCE

- Pre-assembled wiring harness for simple connection of the CANtrak displays
- 1.5 meter long automotive specification wires
- Connector kit available for customer termination.

Kongsberg Automotive can supply a pre-assembled wiring harness for the CANtrak 2600/2610 displays. This consists of a mating connector to plug into the display and 1.5m long flying leads for connection to the vehicle or equipment. Alternatively for customers wishing to manufacture their own wiring harnesses a connector kit is available, which includes the connector body and 12 crimp contacts and sealing plugs. The power supply to the display should be protected by a circuit breaker or a fuse rated at 500mA per unit.



#### Connector Details:

The CANtrak 2600/2610 display uses a Deutsch DT04-12PA connector moulded into the rear of the display. The mating connector is the Deutsch DT06 12S A CE10 which requires a Wedgelock W12S (one per connector), Pin Socket 0462-201-1631 (different finishes and termination methods are available for this part, refer to Deutsch directly for details), Sealing Plug 114017 (one per unused pin location).

The Deutsch website address is [www.deutschehd.com](http://www.deutschehd.com).

Note: In order to meet the EMC radiated emission requirements of BSEN60946 it is necessary to place a ferrite clamp over the harness connected to the unit. Ferrite clamp should be of the type YDK ZCAT2032-0930 (available from Arrow Electronics, part number 422345E) or equivalent.

Pin No.	Colour	Description	Pin No.	Colour	Description	Pin No.	Colour	Description	
1	Black	Vbatt (-)	5		RX (-)	9		RS485A	
2	Red	Vbatt (+)	6		RX (+)	10		RS485B	
3		TX (+)	7	Blue	CAN LO	11	Yellow	Output (2610 only)	
4		TX (-)	8	White	CAN HI	12		Not Used	
PART NUMBERS									
Power/CAN/Output wiring Harness			510623			CANtrak Display Connector Kit			531006