

PNI TRAX2 6-pin Molex Interface Cable and Evaluation Cable

Part Numbers: 14476 and 14467

Interface Cable (p/n: 14476)

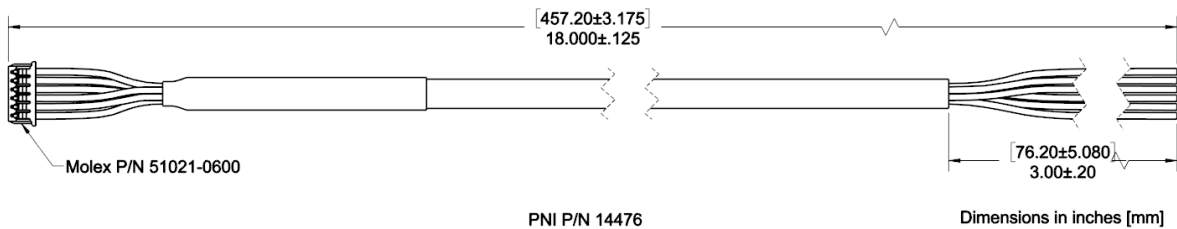


Figure 1: Molex-to-Pigtail Interface Cable Drawing, pn 14476

Evaluation Cable (p/n: 14467)

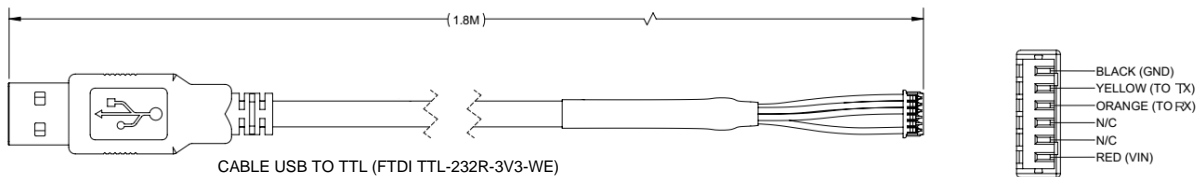


Figure 2: Molex-to-USB Evaluation Cable Drawing, p/n 14467

Table 1: TRAX2 Pin Descriptions and Color Code

Pin #	TRAX2 PCA		
	6 Pin Molex Connector	USB Demo Cable Wire Color	Pigtailed Cable
1	Ground	Black	Black
2	TTL UART Tx	Yellow	Green
3	TTL UART Rx	Orange	White
4	RS-232 Tx	-	Yellow
5	RS-232 Rx	-	Blue
6	+3.7-8V Power	Red	Red



The TRAX2 PCA incorporates a 6-pin Molex connector, part number 51021-0600, which mates with Molex part 51021-0600 or equivalent. The pin-out for both is given above in Table.

The TRAX2 Interface Cable is a PNI 45cm (18") custom pigtailed cable (see Figure 1 above). One end of the cable mates with the TRAX2's 6 pin Molex connector while the other end is not connectorized and has 6 wires accessible. These wires are intended to mate with the user's system. The cable's wires are color coded as indicated above in Table 1.

The TRAX2 Molex-to-USB evaluation cable is a PNI 1.8-meter custom cable (see Figure 2 above). It is required to evaluate TRAX2 on a Windows PC with USB ports. One end of the cable mates with the TRAX2's 6 pin Molex connector while the other end is to connect to a USB port on a PC.