



Au Y cable with two 9-way green connectors and a DB9 female connector (Part#: CBL-CAN-06G-DB9)

Rev. B

CBL-CAN-06G-DB9 consists of two 9-way SAE green connectors and a DB9 female connector. It is majority used for ELD and telemetric applications, specifically for SAE J1939-14, 500K bps networks.

One end of the cable consists of two SAE green connectors (Deutsch or Compatible):

- SAE green round connector "HD16-9-1939S-P080": mate with truck's onboard 9-pin diagnostic connector
- SAE green square diagnostic connector "HD10-9-1939P-P080": can mount on the truck for future diagnostic purposes while the original one mate with the HD16-9-1939S-P080.

The other end is a DB9 female connector, which is dedicated and designed to mate with Au devices such as Au Combo Interpreter. It provides power, GND, CAN-H, CAN-L, J1708-A+, and J1708-B- signals to Au devices.



Figure 1 CBL-CAN-06G-DB9

Specification:

- Nominal end-to-end distance between green connectors: 6 inch
- Cable length: 48 inch
- 20 AWG wire, 300V DC rated
- 1 Max. Current rating: 10 amps continuous
- 1 Weight: 195 grams

Pin-out:

Color Code	HD10-9-1939P	HD16-9-1939S	DB9 Female Connector	Signal
Black	A	A	1	GND
Red	B	B	5	Power +
Orange	C	C	7	CAN-H
Green	D	D	6	CAN-L
Yellow	E	E	N.C	
White	F	F	9	J1708-A+
Blue	G	G	8	J1708-B-
Violet	H	H	N.C	
Brown	J	J	N.C	

Diagram:

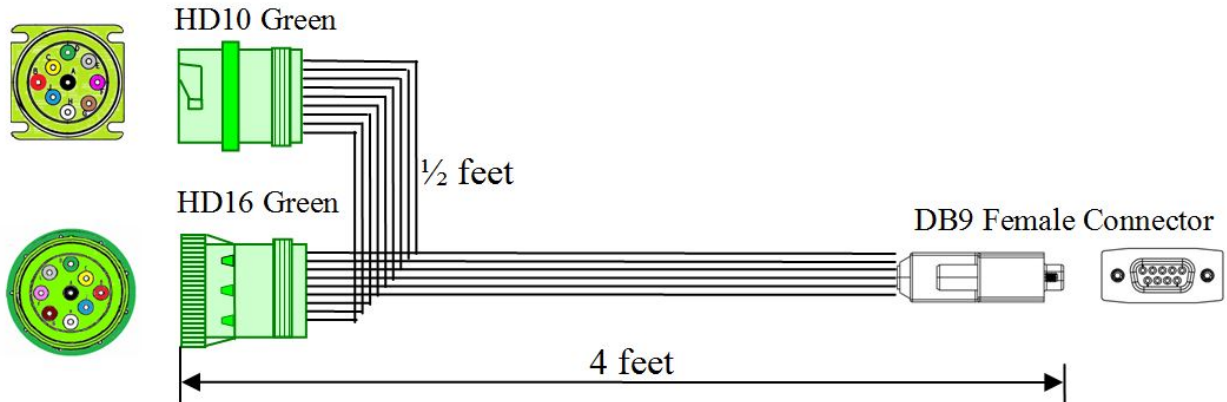


Figure 2 – Wire Diagram

(Note 1: All dimension in figure 2 are wire length, actual cable length may be 2 to 3 inch shorter than wire length.)

(Note 2: All dimension are for reference only, actual product may be changed without further notice.)