

**SAE-J1962 OBD Diagnostic Cable – VDPOBD-Lxx**

**Features**

- High temperature Teflon or PVC jacket (-G) option
- Right-angle SAE-J1962 OBD connector
- Watertight Deutsch connectors
- Resistant to oils, fuels etc.

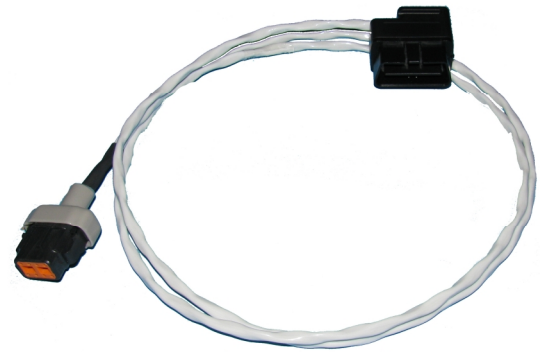
**Description**

The VDPOBD-Lxx allows connecting the ISAAC Instruments' DRU9xx to the OBD connector (SAE-J1962) of the vehicle.

Different lengths are available:

Part Number	Length
VDPOBD-L05(-G)*	5'
VDPOBD-L12(-G)*	12'

\*(G) Refers to a generic cable



**VDPOBD-L05**

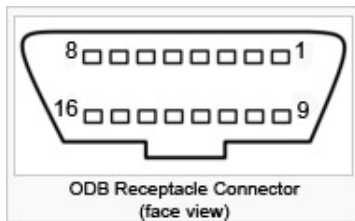
**Installation**

- Connect the OBD receptacle connector to the vehicle OBD plug (usually mounted under the dashboard – on the driver's side)
- Do not bend cable with curvature radius smaller than 40mm (1.60")
- Route the cables at least 20cm (8") away from high interference electrical devices, such as: ignition coils, plug leads, high-current leads, high emission electronic modules or antennas.
- Verify that the cable is not pinched or stretched by moving parts.
- Connect the VDPOBD to the ISAAC Instruments' DRU9xx VDP connector.

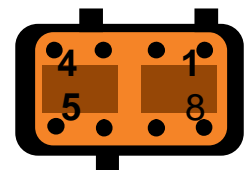
**Specifications**

Components	Symbol	Min	Max	Unit
Connectors	T <sub>Oper</sub>	-30 (-22)	85 (185)	C (F)
Teflon Cable		-55 (-67)	150 (302)	
PVC Cable (-G)		-20 (-4)	85 (185)	

**Pinout Diagram**



16	Battery Voltage	1
4	Chassis Ground	5
6	CAN High (ISO 15765-4 and SAE-J2234)	6
14	CAN Low (ISO 15765-4 and SAE-J2234)	7



**Deutsch connector  
(face view)**

**SAE-J1962 OBD connector pinout:**

- |   |  |
|---|--|
| 1. –                                    | 9. –                                     |
| 2. Bus positive Line of SAE-J1850       | 10. Bus negative Line of SAE-J1850       |
| 3. –                                    | 11. –                                    |
| 4. Chassis ground                       | 12. –                                    |
| 5. Signal ground                        | 13. –                                    |
| 6. CAN high (ISO 15765-4 and SAE-J2234) | 14. CAN low (ISO 15765-4 and SAE-J2234)  |
| 7. K line of ISO 9141-2 and ISO 14230-4 | 15. L line of ISO 9141-2 and ISO 14230-4 |
| 8. –                                    | 16. Battery voltage                      |