

REVISIONS		
REV	DESCRIPTION	DATE
1.0	Prototype Release	10/22/18

AIM MXL2 22pin Wiring and Color Table

J1-3	J2-1	+12V	Wire:Red
J1-12	J2-6	GROUND	Wire:Black
J1-17	J2-5	CAN(+)	Wire:Green
J1-18	J2-4	CAN(-)	Wire:White

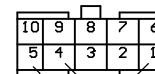
Note: Deutsch 22pin Female
TE Part # AS612-35SN
TE Internal #: AS612-35SN
Vendor: MillSpec Wiring \$85/lpc

*** CONNECTOR J1 ***

Note: Apply shrink wrap as needed to cover the back side of the Deutsch connector and lead-out side of the wires

Note: 10pin 3mm connector
Manuf# Molex 0430251000
Vendor# Digikey WM1787-ND @ \$0.72/1 \$0.60/25
Contact Pins Manuf# Molex 43030-0001
Contact Pins Vendor# Digikey WM1837CT-ND @ \$0.15/1 \$0.10/25

*** VIEW IS FROM CONTACT INSERTION SIDE ***
*** CONNECTOR J2 ***



Note: Wire insulation can be exposed up to 2 inches leading into the pin insert side of the molex connector.

Follow wiring table connections and colors for detailed connection pinouts

Note: Wire should be 20-24AWG four conductor stranded PVC jacket with outer diameter of 0.170 to 0.200 inches
Foil shield is optional and should not be connected
Vendor Part# Digikey CE20246-25-ND @ \$13.44/25feet
Overall Wire Length must be 6 feet +/- 2 inches

Alternatively, four individual 20-24AWG wires may be used as long as a jacket such as 3/16 RAYCHEM DR-25 is used to contain all four leads.

RaceVoice			
AIM-MXL2 RaceVoice Main Cable			
SIZE D	DRAWN BY SHS	PART NUMBER 10-100	REV 1.0
SCALE 1:1		SHEET 1 of 1	