



NMEA2K Cable For AppBox System User's Guide





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1.0 Introduction

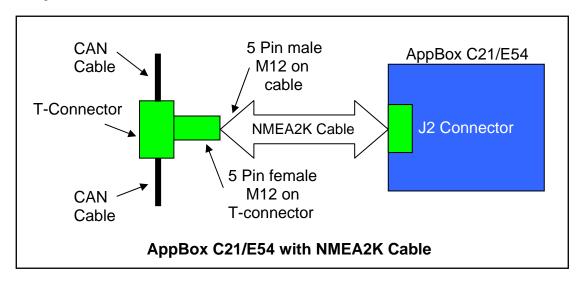
This document describes the NMEA2K (Part/SKU #: 703921-0001) cable used with the AppBox. This cable brings the CAN signals off the AppBox J2 connector or Distribution Box J2 image connector and connects them to a T-Connector on the NMES2K CAN bus.

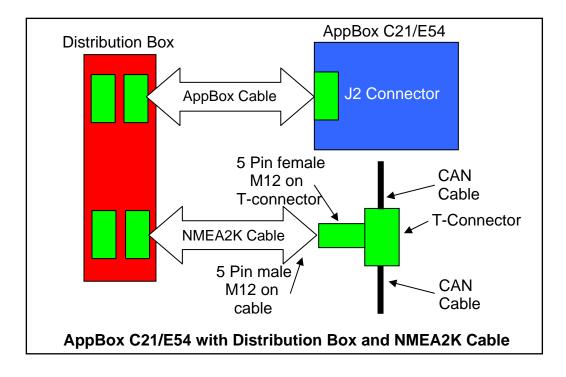
1.1 NMEA2K Cable Features

This NMEA2K cable has the following features:

- Mates with AppBox J2 connector or Distribution Box
- Mates with M12 Male Spin connector
- Length: 3 foot (36 in / 91 cm)

The two diagrams below show the use of the NMEA2K cable.







1.2 NMEA2K Cable Product Contents

The following items are contained in the NMEA2K cable product (Part/SKU #: 703921-0001):

- NMEA2K cable in bag
- Product information card

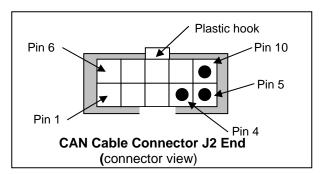
1.3 NMEA2K Cable Compatibility

The NMEA2K Cable is designed to work with the following products which can be ordered from Spectrum Digital or authorized resellers:

Accessory Description	Part/SKU Number
AppBox C21	703909-0001
AppBox E54	703919-0001
AppBox E70	703911-0001
Distribution Box	703924-0001

1.4 NMEA2K Cable AppBox / Distribution Box Connector

The NMEA2K cable end which plugs into the AppBox J2 connector or Distribution Box is a molded 10 pin (2 rows x 5 pin) connector. A view of this connector is shown below.



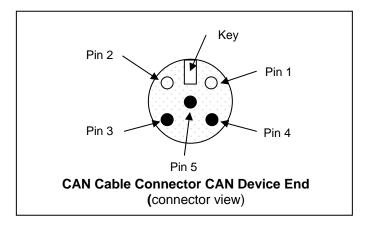
The following table shows the signals present on the NMEA2K cable at the AppBox J2 connector end

NMEA2K Cable J2 Connector End			
Pin number	Signal name		
1	No connect		
2	No connect		
3	No connect		
4	CAN_H		
5	CAN_L		
6	No Connect		
7	DGND		
8	No connect		
9	No connect		
10	CAN_C		



1.5 NMEA2K Cable NMEA2K Device Connector

The NMEA2K cable end which plugs into a NMEA2K device is a 5 pin male M12 connector. A view of this connector is shown below.

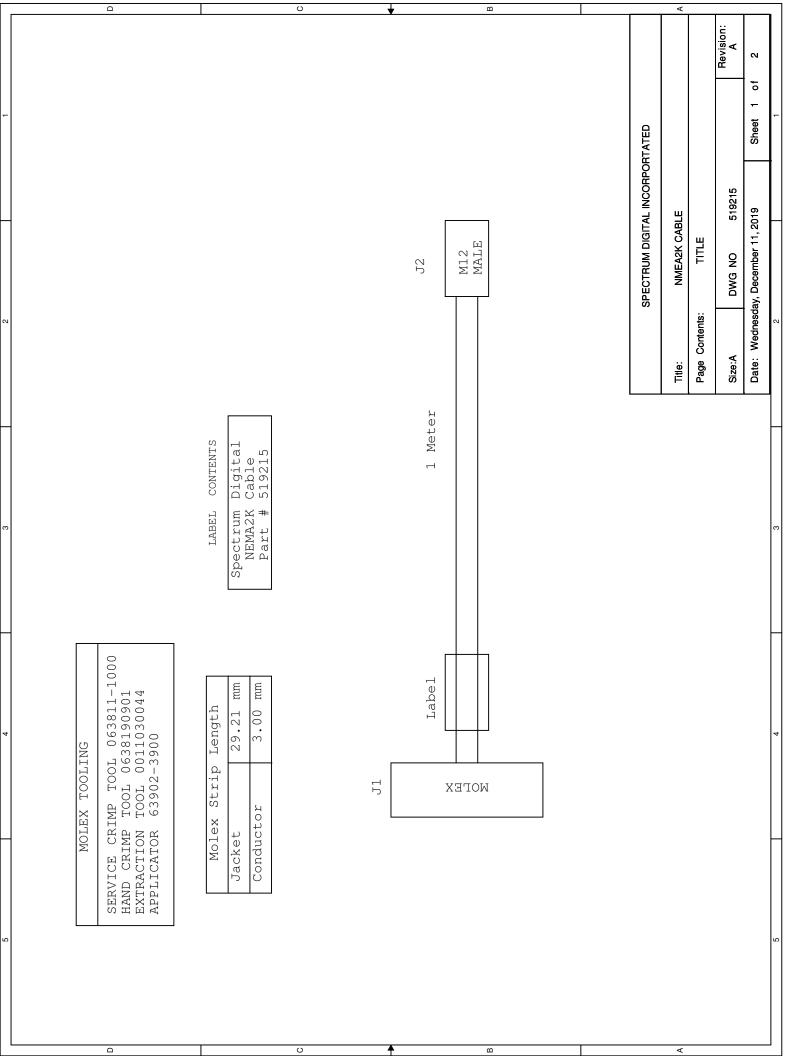


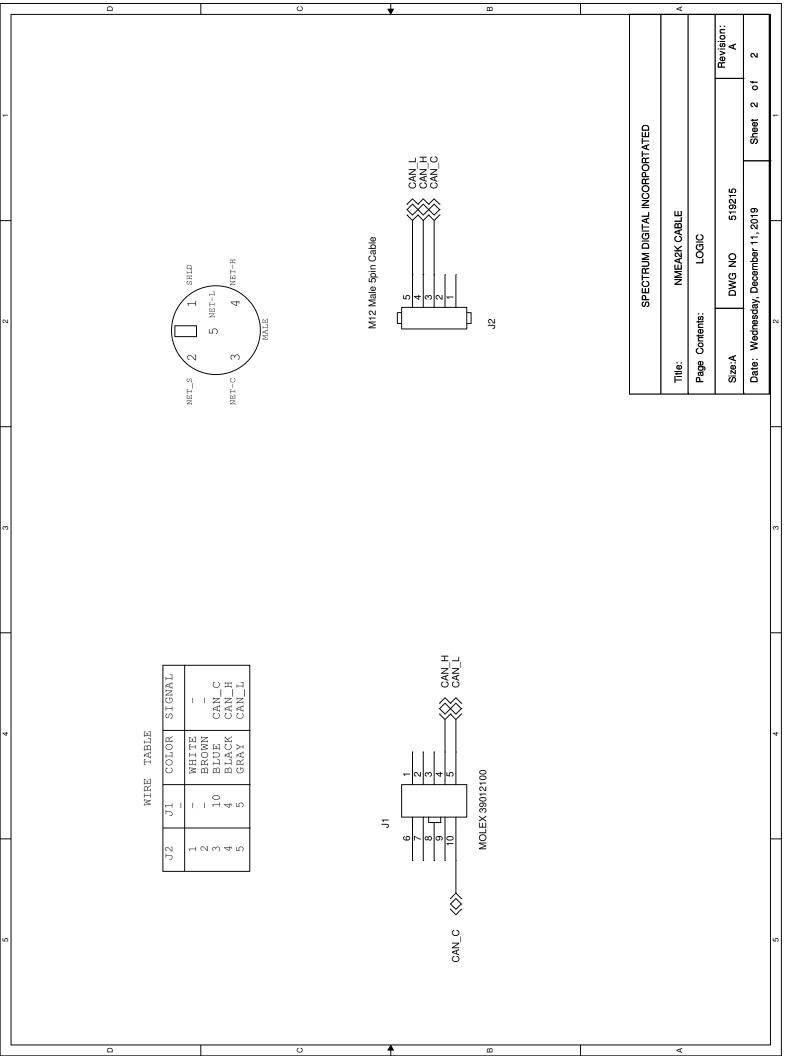
The following table shows the signals present on the NMEA2K cable at the CAN device end.

NMEA2K Cable Device End			
Pin number	Signal name		
1	No Connect		
2	No Connect		
3	CAN_C		
4	CAN_H		
5	CAN_L		

1.6 NMEA2K Cable Schematics

The following pages contain the schematics for the NMEA2K cable.





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